Panasonic

Digital Super Hybrid System
KX-TD816/1232AL

User Manual Addendum

In this manual, the last letters "AL" of each model number are omitted.

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As section 3 User Programming (Manager Programming) has been added, the other sections have been shifted. For example "Section 3 DPT Features" has become "Section 4 DPT Features".

1.1 *Configuration*

KX-T7400 series Panasonic Digital Proprietary Telephones (DPT) are available to utilise various features of the KX-TD816 and KX-TD1232 Systems, in addition to supporting basic telephone services (making and receiving calls).

	KX-T7425	KX-T7433	KX-T7436	KX-T7450
Display	None	Tilt-up, 16 char./line, 3-line LCD	Tilt-up, 24 char./line, 6-line LCD	None
Soft Buttons and Function Buttons	None	3 Soft Buttons	3 Soft Buttons/ 10 Function Buttons	None
Jog Dial	Yes	Yes	Yes	Yes
CO Buttons	24	24	24	12
Fixed Feature Buttons	Refer to the "Fixed Buttons" in this section.			

1.1 Configuration

Location of Controls

■ **KX-T7425**

PROGRAM Button

FWD/DND Button

CONF Button

INTERCOM Button

Flexible **CO** Buttons
(CO lines 01 through 24)

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

RINGER Volume Selector
Used to adjust the ringer volume.

AUTO ANSWER/MUTE Button

RECALL Button

REDIAL Button

HOLD Button

SP-PHONE Button

Microphone

Jog Dial

1.1   *Configuration*

■ **KX-T7433**

Display (Liquid Crystal Display)
With 16-character/3-line readout:
Shows the date, time, dialed number or name,
call duration time, etc. In Programming mode,
it shows the programming messages.

Flexible **CO** Buttons
(CO lines 01 through 24)

PROGRAM Button

FWD/DND Button

CONF Button

INTERCOM Button

Soft Buttons
(S1 through S3)

SHIFT Button

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

AUTO ANSWER/MUTE Button

RECALL Button

Jog Dial

REDIAL Button

HOLD Button

SP-PHONE Button

Microphone

To lift or set down the display:

– To lift the display
  1 Press the LCD ADJ button.
  2 Lift up the display.

– To set down the display
  1 Press the LCD ADJ button.
  2 Press down the display.

LCD

LCD ADJ button

1.1   *Configuration*

∎ **KX-T7436**

Function Buttons
(F1 through F5)

Display (Liquid Crystal Display)
With 24-character/6-line readout:
Shows the date, time, dialed number or name,
call duration time, etc. In Programming mode,
it shows the programming messages.

Flexible **CO** Buttons
(CO lines 01 through 24)

PROGRAM Button

Soft Buttons
(S1 through S3)

FWD/DND Button

Function Buttons
(F6 through F10)

CONF Button

INTERCOM Button

SHIFT Button

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

AUTO ANSWER/MUTE Button

REDIAL Button

RECALL Button

HOLD Button

SP-PHONE Button

Jog Dial

Microphone

To lift or set down the display:

– **To lift the display**
  1 Press the LCD ADJ button.
  2 Lift up the display.

– **To set down the display**
  1 Press the LCD ADJ button.
  2 Press down the display.

LCD

LCD ADJ button

1.1 *Configuration*

■ **KX-T7450**

PROGRAM Button

FWD/DND Button

CONF Button

INTERCOM Button

Flexible **CO** Buttons
(CO lines 01 through 12)

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

RINGER Volume Selector
Used to adjust the ringer volume.

VOICE CALL/MUTE Button

RECALL Button

REDIAL Button

HOLD Button

MONITOR Button

Jog Dial

1.1 *Configuration*

Connection

Connect as shown.

■ **KX-T7400 Series DPTs**

The included
telephone
line cord

→ Connect to a Digital Super Hybrid System
(TO MAIN UNIT).
→ Connect to a single line telephone jack,
Telephone Answering Machine, or FAX for
XDP* or parallel connections (TO TEL).

<Back View>
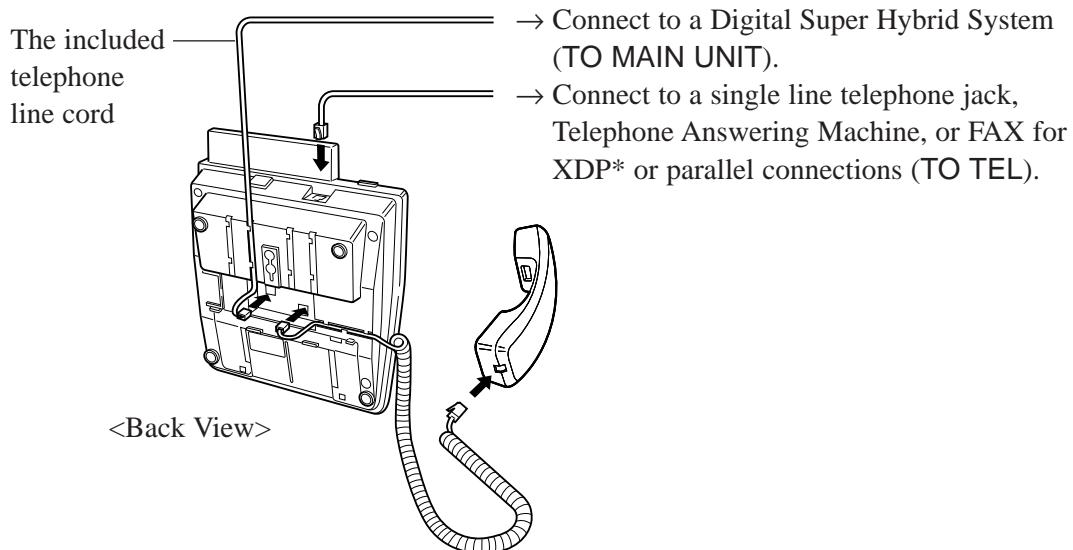
* XDP (eXtra Device Port) expands the number of telephones available in the system by allowing an
extension port to contain two telephones. For more details, please consult with your dealer.

1.1   Configuration

Feature Buttons

KX-T7400 Series Digital proprietary telephones (DPTs) have the following types of Feature Buttons:

- **Fixed Buttons**
- **Flexible Buttons**

Fixed Buttons

Fixed buttons have specific functions permanently assigned to them. These default function assignments cannot be changed. The following table lists the fixed buttons located on each DPT model.

Feature Button	T7425	T7433	T7436	T7450
AUTO ANSWER/MUTE	✔	✔	✔	
AUTO DIAL/STORE	✔	✔	✔	✔
CONF	✔	✔	✔	✔
Function buttons			✔	
FWD/DND	✔	✔	✔	✔
HOLD	✔	✔	✔	✔
INTERCOM	✔	✔	✔	✔
Jog Dial	✔	✔	✔	✔
MESSAGE	✔	✔	✔	✔
MONITOR				✔
PAUSE	✔	✔	✔	✔
PROGRAM	✔	✔	✔	✔
RECALL	✔	✔	✔	✔
REDIAL	✔	✔	✔	✔
SHIFT		✔	✔	
Soft buttons		✔	✔	
SP-PHONE	✔	✔	✔	
TRANSFER	✔	✔	✔	✔
VOICE CALL/MUTE				✔

"✔" indicates the button is available.

1.1   *Configuration*

Usage

Jog Dial

Used to adjust the volume of the handset receiver, headset, ringer and speaker. It also adjusts the display contrast. Refer to "Initial Settings for KX-T7400 Series" in this section.
For KX-T7433 and KX-T7436 users, it is also used to select data from the stored phone numbers or the System Feature Access Menu.

SHIFT Button

Used to access the second and third level of Soft Button functions.

VOICE CALL/MUTE Button

Used for extension auto answer, but it cannot be used for handsfree conversations. It also turns the handset microphone off during a conversation.

Refer to the main User Manual for other button usages.

1.1 *Configuration*

Flexible Buttons

Flexible Buttons do not have specific features permanently assigned to them. Features are assigned to Flexible Buttons through System or Station Programming. "Flexible Button Assignment" is addressed in Station Programming (Section 2). The three types of Flexible Buttons are as follows:

* **Flexible CO buttons** (located on a DPT only)
* **Flexible DSS buttons** (located on a DSS Console only)
* **Programmable Feature (PF)** (located on a DSS Console only)

The below-mentioned table shows all of the featres which can assigned to flexible buttons. In the table, "✔" indicates that hte feature can be assigned to the button.

Feature (Buttons)	CO	DSS	PF
Single-CO	✔	—	—
Group-CO	✔	—	—
Loop-CO	✔	—	—
Alert	✔	—	—
Hurry-Up	✔	—	—
Log-In / Log-Out*[1]	✔	—	—
Call Forwarding from Hunting Group*[1]	✔	✔	—
Call Pickup Deny*[1]	✔	✔	—
Call Waiting*[2]	✔	✔	—
Calling Line Identification Restriction (CLIR)*[1]	✔	✔	—
Connected Line Identification Restriction (COLR)*[1]	✔	✔	—
Direct Station Selection (DSS)	✔	✔	—
Do Not Disturb for Direct Dialling In Call (DND for DDI)*[1]	✔	✔	—
Doorphone Call Forwarding to CO Line*[1]	✔	✔	—
Executive Busy Override Deny*[1]	✔	✔	—
Live Call Screening†	✔	✔	—
Live Call Screening Cancel†	✔	✔	—
Message Waiting	✔	✔	—
Night*[1]	✔	✔	—
Paging Deny*[1]	✔	✔	—
Paralleled Telephone Connection*[1]	✔	✔	—
Phantom Extension	✔	✔	—
Pickup Dialing (Hot Line)*[1]	✔	✔	—
Two-Way Record†	✔	✔	—
Two-Way Transfer†	✔	✔	—

1.1 *Configuration*

Feature (Buttons)	CO	DSS	PF
Account Code Entry	✔	✔	✔
Conference	✔	✔	✔
FWD/DND	✔	✔	✔
ISDN Service	✔	✔	✔
One-Touch Dialing	✔	✔	✔
One-Touch Dialing with Auto Hold	✔	✔	✔
Saved Number Redial	✔	✔	✔
Terminate	✔	✔	✔
Voice Mail Transfer	✔	✔	✔

† : Available for the KX-TD816/1232 when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

*1 : Pressing this button while on-hook or hearing a dial tone changes the setting (on or off) of the corresponding feature.

*2 : Pressing this button changes the settings as follows:
Receiving Call Waiting tone → OHCA → Whisper OHCA → none of these

1.1 *Configuration*

Initial Settings for KX-T7400 Series

The Jog Dial can be used for the display contrast and the volume control. Rotate the Jog Dial in either direction as desired. The contrast or the volume level will change as follows.

Left
(counter-clockwise)

Right
(clockwise)

Level **decreases**

Level **increases**
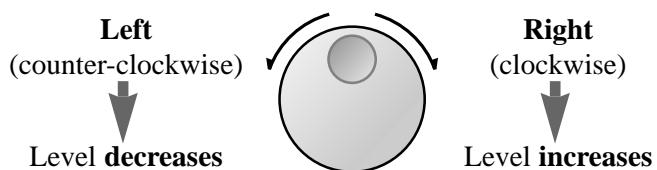
Display Contrast Adjustment

A Soft button and the Jog Dial for KX-T7433 and KX-T7436 users are used to adjust the display contrast. The contrast level is indicated on the display by the number of asterisks.

1

CONT

S 1   S 2   S 3

2
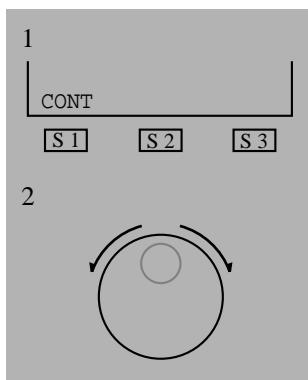
While on-hook or during a conversation

1. Press the **CONT** (S1) button.

2. Rotate the **Jog Dial** in the desired direction.
   • The display shows:
     <Example>

     Contrast: 3   (— contrast volume level 3)

When using the headset

The Panasonic Digital Super Hybrid System supports the use of a headset with a proprietary telephone (PT). When you use the headset (optional), you should switch the selection mode first. Selection is explained in the "Handset/Headset Selection" in Station Programming (Section 2).

To change to the headset mode

Press: [PROGRAM] [9] [9] [9] [2] [STORE] [PROGRAM].

1.1 *Configuration*

Changing the ringing tone of CO buttons / Intercom calls

There are eight ringer frequencies available for each CO (Group-CO, Loop-CO, Single-CO) button and INTERCOM button. If you wish to change them, refer to the "Ringing Tone Selection for CO Buttons" or "Ringing Tone Selection for Intercom Button" in Station Programming (Section 2).

Volume Control — Handset Receiver/Headset/Ringer/Speaker

Allows you to adjust the following volumes as required.
— Handset Receiver volume (levels 1 through 4)
— Headset volume (levels 1 through 4)
— Ringer volume (levels 0 through 3)
— Speaker volume (levels 1 through 12)

If your digital proprietary telephone is provided with a display (display DPT), the volume level is indicated on the display by the number of asterisks. For ringer volume adjustment, three levels (OFF/LOW/HIGH) are available with the KX-T7425 and KX-T7450.

To adjust the handset receiver volume
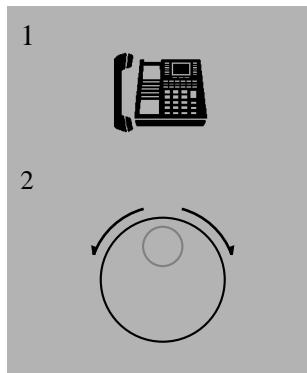
1. Lift the **handset**.

2. Rotate the **Jog Dial** in the desired direction.
   • The display shows:
     <Example>

     | Handset: 3 | (— volume level 3)

   • You may also adjust the handset receiver volume during a conversation using the handset receiver.

To adjust the headset volume

Be sure the headset is connected.
1. Press the **SP-PHONE** button.
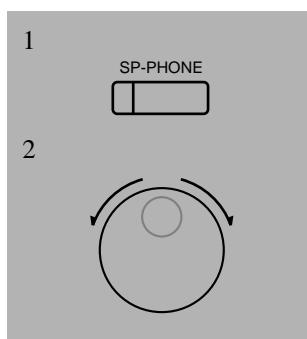
2. Rotate the **Jog Dial** in the desired direction.
   • The display shows:
     <Example>

     | Headset: 3 | (— volume level 3)

1.1   *Configuration*

To adjust the ringer volume
– KX-T7433 and KX-T7436
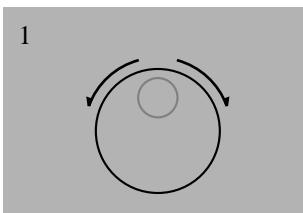
While the telephone is ringing

   1. Rotate the **Jog Dial** in the desired direction.

     • The display shows:

        <Example>

| Ringer: 3 | (— volume level 3) |
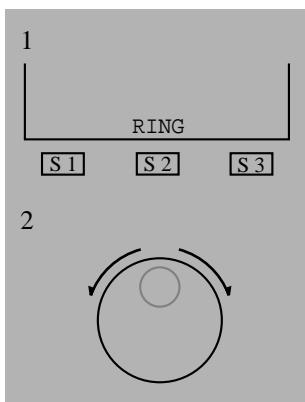
While the telephone is idle and on-hook

   1. Press the **RING** (S2) button.

     • The telephone will ring.

   2. Rotate the **Jog Dial** in the desired direction.

     • The telephone will stop ringing in about 4 seconds.

     • When the volume level is 0, the display shows "RNGOFF."

– KX-T7425 and KX-T7450
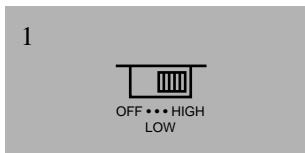
   1. Adjust the **RINGER Volume Selector** lever to the desired setting **(OFF/LOW/HIGH)**.

To adjust the speaker volume
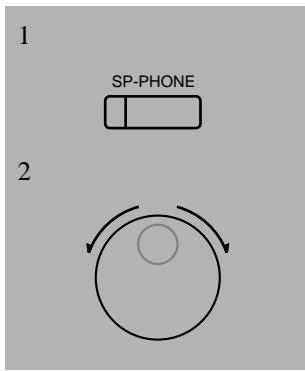
   1. Press the **SP-PHONE** button.

   2. Rotate the **Jog Dial** in the desired direction.

     • The display shows:

        <Example>

| SP: 12 | (— volume level 12) |

     • You may also adjust the speaker volume while listening to background music (BGM On mode), receiving a voice call, or receiving a page.

2.1 *Programming Instructions*

To confirm the assigned function data

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

access number

HOLD
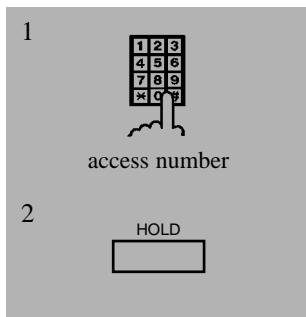
1. Enter the **programming access number*** (0 through 9, 01 through 03, ✱1 and #).
   - Each number corresponds to the data as follows:
     - 1 : Preferred Line Assignment — Outgoing
     - 2 : Preferred Line Assignment — Incoming
     - 3 : Full One-Touch Dialling Assignment
     - 4 : Intercom Alerting Assignment
     - 5 : Call Waiting Tone Type Assignment
     - 6 : Self-Extension Number Confirmation
     - 8 : Charge Fee Reference
     - 9 : Handset/Headset Selection
     - 01 : Remote Station lock Control (— Operator only)
     - 02 : CO Incoming Call Information Log Lock Clear
            (— Operator only)
     - 03 : Live Call Screening Password Control† (— Operator only)
     - # : Station Programming Data Default Set
     - ✱1: Live Call Screening Mode Setting†
   - The display shows the programmed data.

   <Example>
   When you press [5], the display shows:

   ```
   C.W. Tone 1
   ```

   (— Call Waiting tone is now programmed to Tone 1)

2. Press the **HOLD** (END) button.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— If you wish to change the data, follow the programming procedure explained in this section.

* **A programming access number** is required to program/confirm the function data by Station Programming.

To confirm the assigned data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
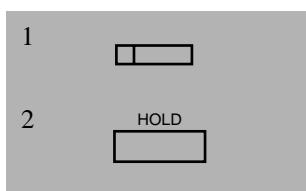
HOLD

1. Press the desired **Flexible** (CO, DSS, PF) button.
   - The display shows the current status.

2. Press the **HOLD** (END) button.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— If you wish to change the data, follow the programming procedure explained in this section.

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24 *†: Available when the Digital Super Hybrid System is connected to a*
    Proprietary Telephone capable Panasonic Voice Processing System
    (one that supports proprietary telephone integration; e.g. KX-TVP100)

2.1   *Programming Instructions*

Station Programming Outline

(Station Programming)

PROGRAM — 9 — 9	

CO
DSS
PF
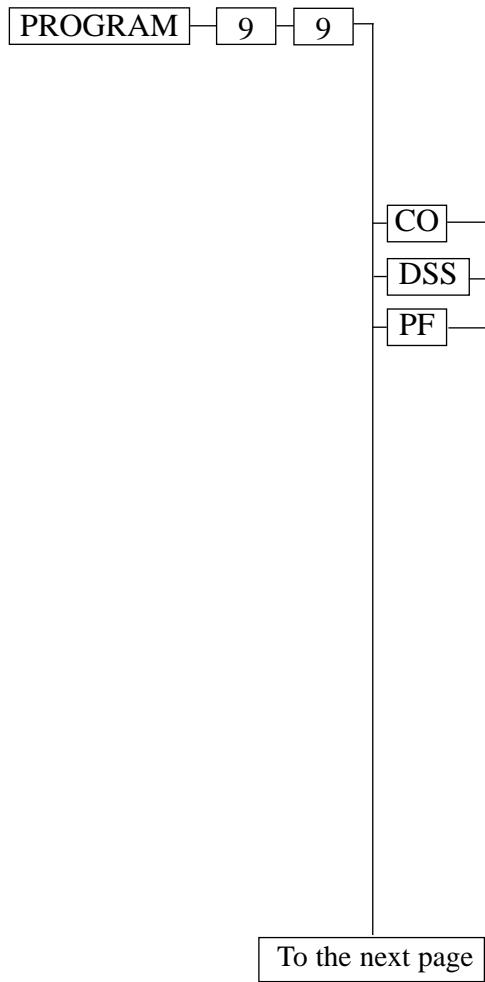
Code	Button
1	Direct Station Selection (DSS) Button
2	One-Touch Dialling Button
3	Message Waiting (MESSAGE) Button
4	FWD/DND Button
5	SAVE Button
6	Account Button
7	Conference (CONF) Button
80	Log-In / Log-Out Button
81	Hurry-Up Button
82	Voice Mail (VM) Transfer Button
83	Two-Way Record Button†
84	Two-Way Transfer Button†
85	Live Call Screening (LCS) Button†
86	Live Call Screening (LCS) Cancel Button†
87	Alert Button
88	Phantom Button
89	ISDN Service Button
8✱00	Night Button
8✱01	Call Pickup Deny Button
8✱02	Call Waiting Button
8✱03	CLIR Button
8✱04	COLR Button
8✱05	DND for DDI Button
8✱06	Executive Busy Override Deny Button
8✱07	Paging Deny Button
8✱08	Paralleled Telephone Connection Button
8✱09	Pickup Dialling Button
8✱10	Call Forwarding from Hunting Group Button
8✱11	Doorphone Call Forwarding to CO Line Button
8#	One-Touch Dialling with Auto Hold Button
9	Terminate Button
0	Single-CO (S-CO) Button
✱	Loop-CO (L-CO) Button
#	Group-CO (G-CO) Button

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

2.1   *Programming Instructions*

Station Programming Outline *(Contd.)*

PROGRAM — 9 — 9

- CO
- DSS ——————— To the previous page
- PF

- CO — CO ———————— (Ringing Tone Selection for CO Button)
- INTERCOM — INTERCOM — (Ringing Tone Selection for Intercom Button)
- Function ————————— (Station Speed Dialling Number / Name Assignment)
  (F1 - F10)
- 1 ————————————— (Preferred Line Assignment — Outgoing)
- 2 ————————————— (Preferred Line Assignment — Incoming)
- 3 ————————————— (Full One-Touch Dialling Assignment)
- 4 ————————————— (Intercom Alerting Assignment)
- 5 ————————————— (Call Waiting Tone Type Assignment)
- 6 ————————————— (Self-Extension Number Confirmation)

- 8 ————————————— (Charge Fee Reference)
- 9 ————————————— (Handset / Headset Selection)
- 0 — 1 ————————— (Remote Station Lock Control)
  — see "Operator Service Features" (Section 4.3)
- 0 — 2 ————————— (CO Incoming Call Information Log Lock Clear)
  — see "Operator Service Features" (Section 4.3)
- 0 — 3 ————————— (Live Call Screening Password Control)†
  — see "Operator Service Features" (Section 4.3)

- # ————————————— (Station Programming Data Default Set)
- ✳ — 1 ————————— (Live Call Screening Mode Setting)†

PROGRAM (Exit)

2.2 *Programming*

Charge Fee Reference

Allows you to see, print out and clear charges. Charges are displayed per extension, CO line, account code, department code, or the total of each can be referred to. There are seven corresponding features as follows:

[PROGRAM]—[99]—[8]—[ID Code]┬[1] Extension Charge Fee Reference
                                       ├[2] CO Line Charge Fee Reference
                                       ├[3] Total Extension Charge Fee Reference
                                       ├[4] Account Code Charge Fee Reference
                                       ├[6] All Clear
                                       ├[7] Print the Charge Fee
                                       └[8] Account Code Set

Conditions

- System Programming determines the extension that can see charges.
- An identification code (ID code), set by System Programming, is required to see charges.
- The first display format – METER or CHARGE (AS$) – is selected by System Programming. This can be switched manually at each extension.
- You may use the overlay while programming. In this case, the HOLD button becomes the END button and the REDIAL button becomes the PREV button.
- The currency denomination is programmable by System Programming.
- If a different rate is assigned to each CO line, the extension charge fee, account code charge fee and total extension charge fee meters will not be displayed correctly. In this case, the meter is calculated by the rate assigned to CO1 and is displayed.

Programming References

- System Programming —Installation Manual & Installation Manual Addendum
    - [015] Charge Rate Fractional Point Assignment
    - [016] Charge Rate Assignment
    - [117] Charge Display Selection
    - [118] Charge Verification Assignment
    - [119] Charge Verification ID Code Set
    - [125] Assignment of Denomination

2.2 *Programming*

Flexible Button Assignment

Alert Button *(Assignment)*

Allows you to assign a Flexible (CO) button as an Alert button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
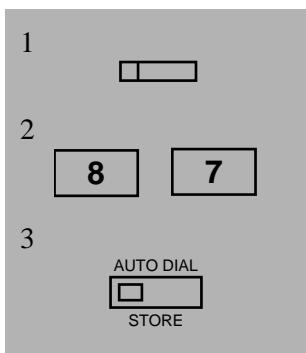
1. Press the desired **Flexible** (CO) button which you wish to assign as an Alert button.

2. Dial **87**.

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Call Forwarding from Hunting Group Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as Call Forwarding from Hunting Group button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
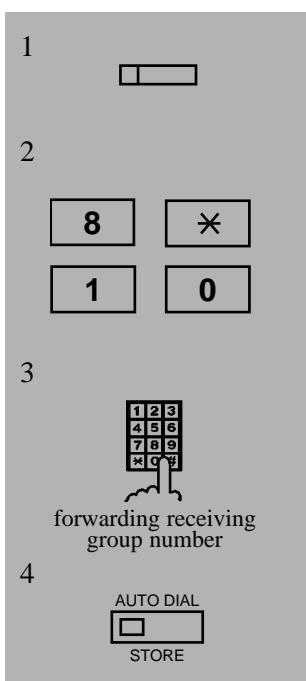
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Call Forwarding from Hunting Group button.

2. Dial **8 ✳ 10**.
   - The display shows:

     ```
     FWD-H:
             CLR
     ```

3. Enter the **forwarding receiving group number**.
   - The display shows:

     ```
     FWD-H:xxxx
             CLR
     ```
     (— xxxx: forwarding receiving group number)

4. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

Call Pickup Deny Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the Call Pickup Deny button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
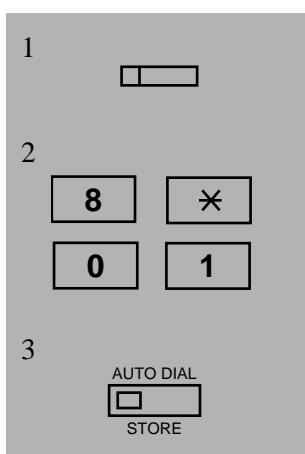
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Call Pickup Deny button.

2. Dial **8✳01**.
   • The display shows:

   ```
   C.Pickup
   ```

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Call Waiting Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the Call Waiting button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
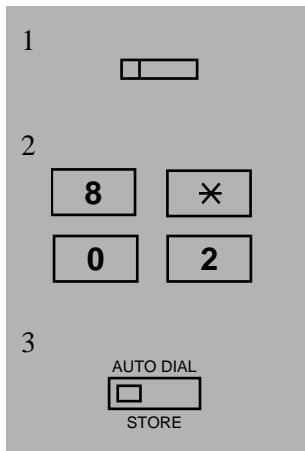
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Call Waiting button.

2. Dial **8✳02**.
   • The display shows:

   ```
   Call Waiting
   ```

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

CLIR (Calling Line Identification Restriction) Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the Call Pickup Deny button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
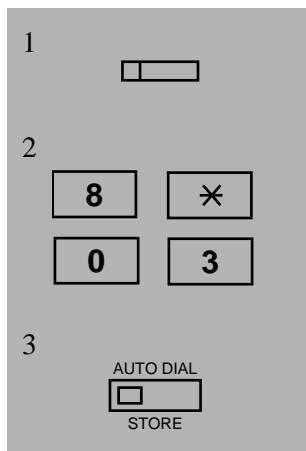
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Hurry-Up button.

2. Dial **8**✳**03**.
   - The display shows:

   ```
   CLIR
   ```

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

COLR (Connected Line Identification Restriction) Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the COLR button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
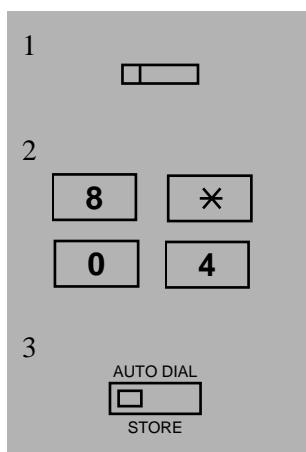
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the COLR button.

2. Dial **8**✳**04**.
   - The display shows:

   ```
   COLR
   ```

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

Doorphone Call Forwarding to CO Line Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the Doorphone Call Forwarding to CO button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
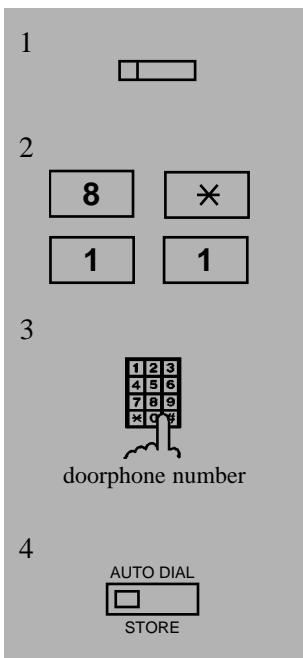
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Doorphone Call Forwarding to CO Line button.

2. Dial **8**✱**11**.
   • The display shows:

   ```
   DPH FWD
   ```

3. Enter **doorphone number**.

   ```
   DPHxFWD
   ```
   (— x: doophone number)

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

DND for DDI Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as the DND for DDI button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
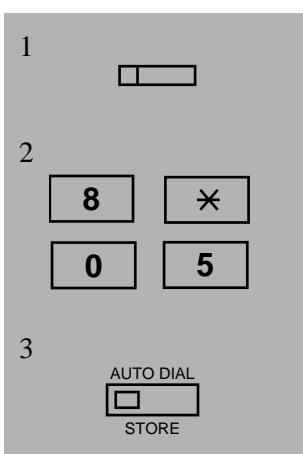
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the DND for DDI button.

2. Dial **8**✱**05**.
   • The display shows:
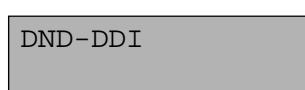
   ```
   DND-DDI
   ```

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

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2.2 *Programming*

Executive Busy Override Deny Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as the Executive Busy Override Deny button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
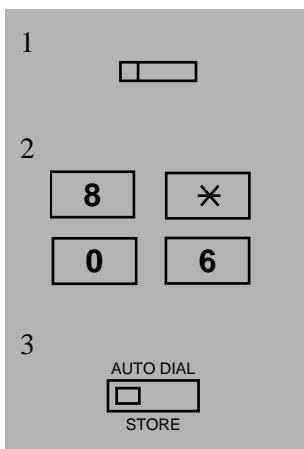
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Executive Busy Override Deny button.

2. Dial **8✳06**.
   • The display shows:

   > Busy Ovrde

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Hurry-Up Button (Assignment)

Allows you to assign a Flexible (CO) button as the Hurry-Up to CO button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
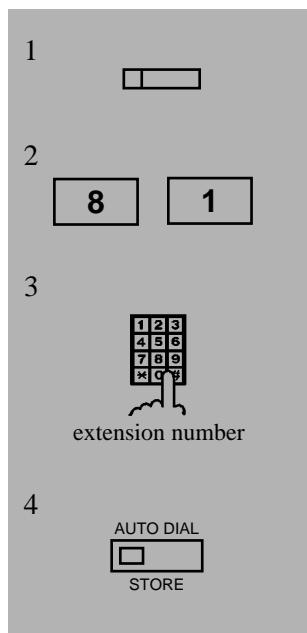
1. Press the **Flexible** (CO) button which you wish to assign as the Hurry-Up button.

2. Dial **81**.
   • The display shows:

   > Hurry up to-
   >   CLR

3. Enter **doorphone number**.

   > Hurry up to-xxxx
   >   CLR

   (— xxxx: extension number)

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

ISDN Service Button (Assignment)

Allows you to assign a Flexible (CO, DSS, PF) button as the ISDN Service button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
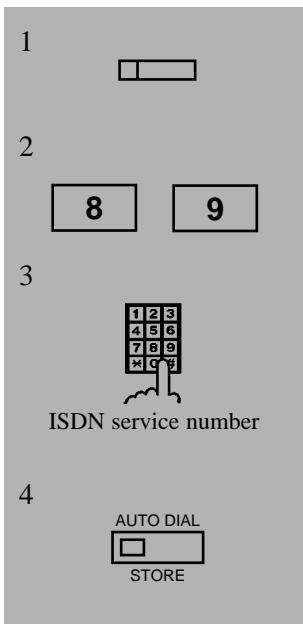
1. Press the desired **Flexible** (CO, DSS, PF) button which you wish to assign as the ISDN Service button.

2. Dial **89**.
   - The display shows:

   ```
   CLR
   ```

3. Dial the **specified ISDN service number**.
   - Up to 24 digits can be stored.
   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The entry number in step 3 depend on the services which you want to perform. For more information about the ISDN network services or the specific numbers, please consult with your ISDN network supplier.
- You can use 0 through 9, ✳ and # for storing.

Live Call Screening (LCS) Button (Assignment)[†]

Allows you to assign a Flexible (CO, DSS) button as the Live Call Screening button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
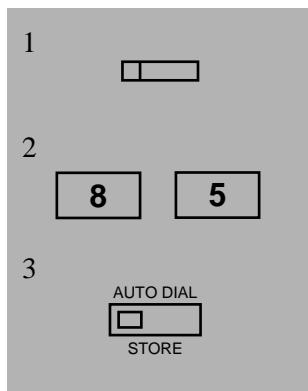
1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as the Live Call Screening button.

2. Dial **85**.
   - The display shows:

   ```
   LCS
   ```

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Live Call Screening (LCS) Cancel Button (Assignment)[†]

Allows you to assign a Flexible (CO, DSS) button as the Live Call Screening Cancel button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
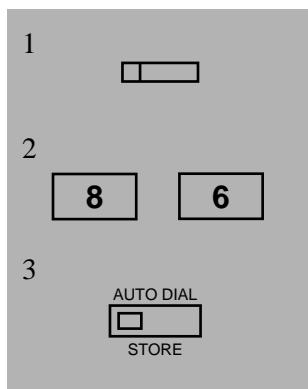
1. Press the desired **Flexible** (CO) button which you wish to assign as the Live Call Screening Cancel button.

2. Dial **86**.
   - The display shows:

   ```
   LCS Cancel
   ```

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

2.2 *Programming*

Log-In / Log-Out Button (Assignment)

Allows you to assign a Flexible (CO) button as the Log-In / Log-Out button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
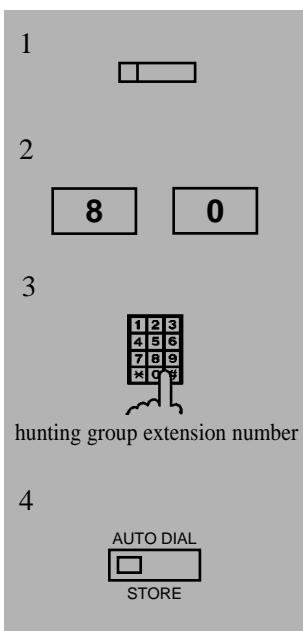
1. Press the desired **Flexible** (CO) button you wish to assign as the Log-In / Log-Out button.

2. Dial **80**.
   • The display shows:
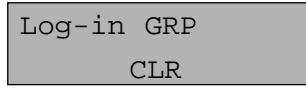
   ```
   Log-in GRP
           CLR
   ```

3. Dial the **hunting group extension number**.
   • The display shows:
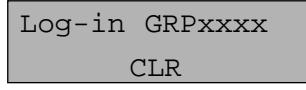
   ```
   Log-in GRPxxxx
           CLR
   ```
   (— xxxx: hunting group extension number)

   • To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
   (The TRANSFER button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Night Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as a Night button.
Pressing the Night button allows you to switch between the day mode and night mode.
The button indicator turns on when the night mode is assigned and turns off when the day mode is assigned.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
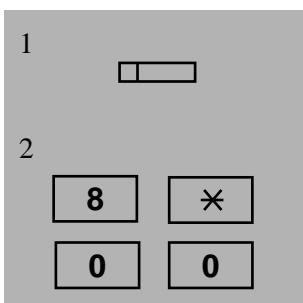
1. Press the desired **Flexible** (CO, DSS) button you wish to assign as the Night button.

2. Dial **8✳00**.
   • The display shows:
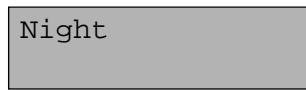
   ```
   Night
   ```

35

3

AUTO DIAL

STORE

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Condition

• "Class of Service " programming determines the extensions that can perform this feature.

Programming References

• System Programming —Installation Manual & Installation Manual Addendum
   [513] Night Service Access   [601] Class of Service

One-Touch Dialling with Auto Hold Button (Assignment)

Allows you to assign a Flexible (CO, DSS, PF) button as an One-Touch Dialling with Auto Hold button.
During a conversation, the call is put on hold and transferred to the assigned number.
You can make a call to the assigned number by pressing this button as well as pressing the One-Touch dialling button.
— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1

2

8   **#**

3

1 2 3
4 5 6
7 8 9
✳ 0 #

desired number

4

AUTO DIAL
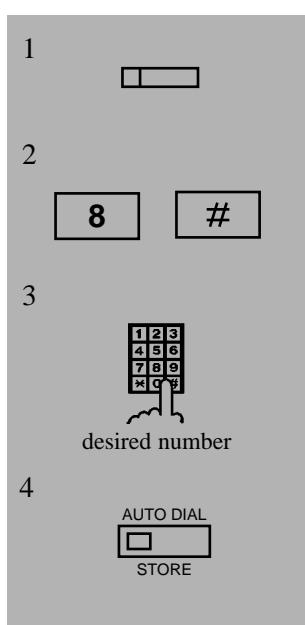
STORE

1. Press the desired **Flexible** (CO, DSS, PF) button you wish to assign as an One-Touch Dialling with Auto Hold button.

2. Dial **8#**.

3. Enter the **desired number**.
   • Up to 24 digits can be stored.
   • To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

   (The TRANSFER button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Paging Deny Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as the Paging Deny button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
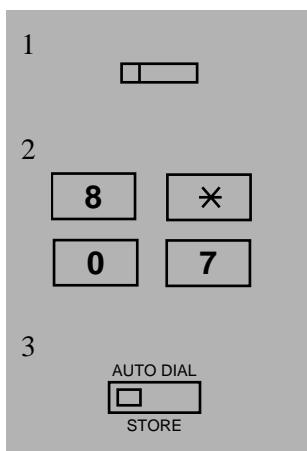
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Paging Deny button.

2. Dial **8✻07**.
   • The display shows:

   > Paging Deny

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Paralleled Telephone Connection Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as the Paralleled Telephone Connection button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
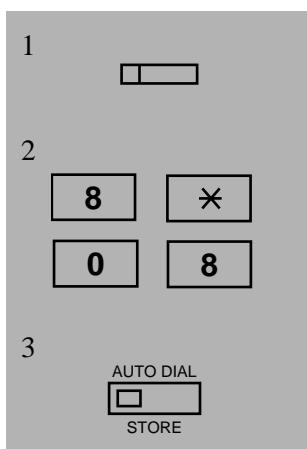
1. Press the **Flexible** (CO, DSS) button which you wish to assign as the COLR button.

2. Dial **8✻08**.
   • The display shows:

   > Parallel

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Pickup Dialling Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as the Pickup Dialling button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1

2

8   *

0   9

3

AUTO DIAL
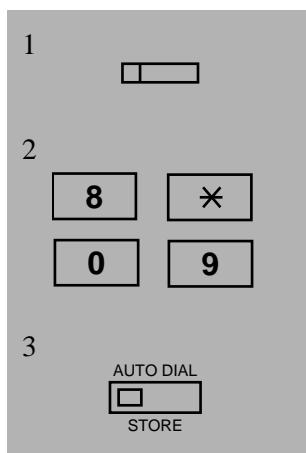
STORE

1. Press the **Flexible** (CO, DSS) button which you wish to assign as the Pickup Dialling button.

2. Dial **8✳09**.
   • The display shows:

   ```
   Hot Line
   ```

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

Phantom Button *(Assignment)*

Allows you to assign a Flexible (CO, DSS) button as a Phantom button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1
2
8   8
3

Phantom extension number

4

AUTO DIAL
STORE
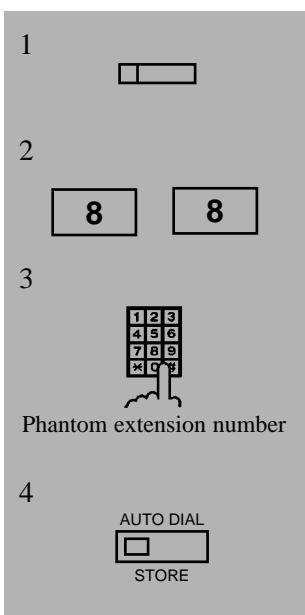
1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as a Phantom button.

2. Dial **88**.
   - The display shows:

   ```
   EXT-
            CLR
   ```

3. Enter the **phantom extension number**.
   - The display shows:

   ```
   EXT-xxxx
            CLR
   ```
   (— xxxx: phantom extension number)

   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
   (The TRANSFER button becomes the CLEAR button while in the programming mode.)

4. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- A phantom extension number must be assigned in program [130] "Phantom Extension Assignment" before assigning a Phantom button.
- A DSS button can be assigned as a Phantom button so that the operator can use it for transferring a call.
- If you assigned a Phantom button to one of the CO buttons (13 through 24) on your KX-T7230 telephone and change the telephone to a KX-T7235 model, you must re-program the setting as the KX-T7235 telephone has only 12 CO buttons. If you do not change the setting, a phantom extension call will be sent to the INTERCOM button.

Programming References

- System Programming — Installation Manual Addendum
  [130] Phantom Extension Assignment

2.2 *Programming*

Terminate Button (Assignment)

Allows you to assign a Flexible (CO, DSS, PF) button as the Terminate button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1
☐▭

2
| **9** |

3
AUTO DIAL
▭
STORE
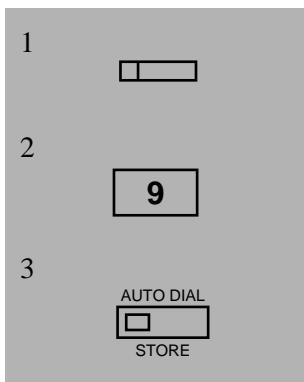
1. Press the desired **Flexible** (CO, DSS, PF) button which you wish to assign as the Terminate button.

2. Dial **9**.
   • The display shows:

   | Terminate |

3. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Two-Way Record Button *(Assignment)*[†]

Allows you to assign a Flexible (CO, DSS) button as the Two-Way Record button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1
☐▭

2
| **8** | **3** |

3
⌨
VM extension number
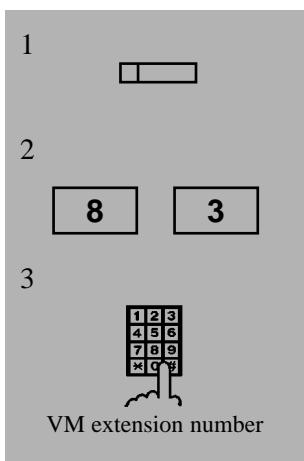
1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as the Two-Way Record button.

2. Dial **83**.
   • The display shows:

   | 2 WAY-REC: |
   | CLR |

3. Enter the **extension number** of the Voice Mail system.
   • The display shows:

   | 2 WAY-REC:xxxx | (— xxxx: VM extension number)
   | CLR |

   • To erase the entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

   (The TRANSFER (CLEAR) button becomes the CLEAR button when using the overlay.)

---

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

4. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You *cannot* enter a non-existent extension or a floating number.*
- A voice mail extension number must be assigned in program [127].

Programming References

- System Programming — Installation Manual Addendum
  - [127] Voice Mail Extension Number Assignment

* A floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension. Refer to the Installation Manual.

Two-Way Transfer Button *(Assignment)†*

Allows you to assign a Flexible (CO, DSS) button as the Two-Way Transfer button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
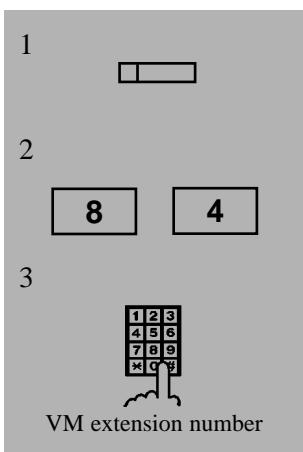
1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as the Two-Way Transfer button.

2. Dial **84**.
   - The display shows:

   ```
   2 WAY-TRANS:
        CLR
   ```

3. Enter the **extension number** of the Voice Mail system.
   - The display shows:

   ```
   2 WAY-TRANS:xxxx        (— xxxx: VM extension number)
        CLR
   ```

   - To erase the entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

     (The TRANSFER (CLEAR) button becomes the CLEAR button when using the overlay.)

---

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

4
AUTO DIAL
[☐]
STORE

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

• You *cannot* enter a non-existent extension or a floating number.*
• A voice mail extension number must be assigned in program [127].

Programming References

• System Programming — Installation Manual Addendum
   [127] Voice Mail Extension Number Assignment

* A floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension.
  Refer to the Installation Manual.

Live Call Screening Mode Setting†

Assigns whether an alert tone is sent (Private mode) or the recording message is monitored through the built-in speaker (Hands-free mode), while incoming callers are leaving a message.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1. Dial ✳ **1**.
   - The display shows the current status.

Hands-free

(— When Hands-free mode is selected)

Private

(— When Private mode is selected)
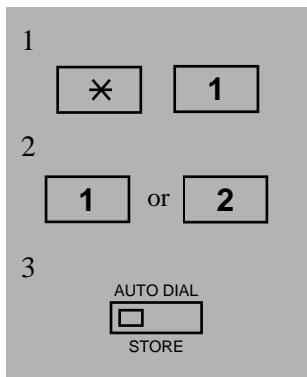
2. Dial **1** or **2**.
   - 1 : to select Hands-free mode
   - 2 : to select Private mode

3. Press the **STORE** button.
   - The STORE indicator light turns on.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The default is "Hands-free" mode.

2.2 *Programming*

Phantom Extension Bell On/Off Setting

You can select whether or not the bell will ring when a call is received at a phantom extension.

Bell On/Off Setting

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].
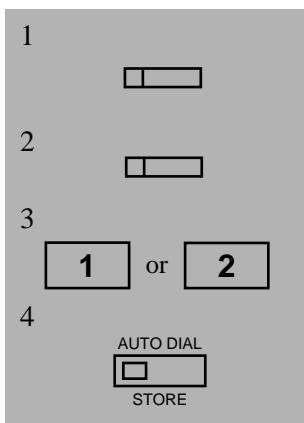
1. Press the **Phantom** button.

2. Press the same **Phantom** button again.

3. Dial **1** or **2**.
   — 1 : Ring off
   — 2 : Ring on

4. Press the **STORE** button.
   • The STORE indicator light turns on.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

Ringing Tone Selection for the Intercom Button

Allows you to assign a ringer frequency to the intercom button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1
INTERCOM

2
INTERCOM

3

123
456
789
*0#

tone type number

4

AUTO DIAL

STORE
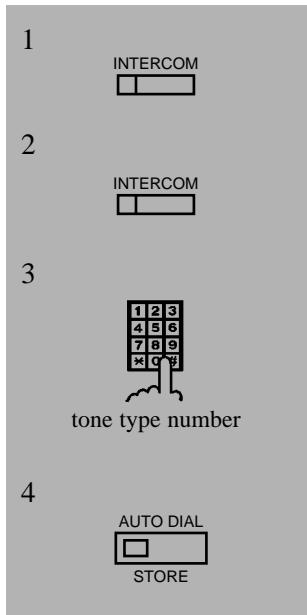
1. Press the **INTERCOM** button which you wish to change the ringing tone.

2. Press the **INTERCOM** button again.
   • The display shows the current status.

3. Enter the **tone type number** (1 through 8).
   • The display shows the selected tone type number and you hear the selected tone until the STORE button is pressed.

   | Tone Type-x | (— x: tone type number)

   • If you want to change the tone type, enter another tone type number in succession.

4. Press the **STORE** button.
   • The STORE indicator light turns on.
   • The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Condition

• The default is Ringing Tone Type 2.

2.2 *Programming*

Station Speed Dialling Number / Name Assignment
(KX-T7436 / KX-T7433 / KX-T7235 only)

Allows you to assign frequently dialled numbers and names to each Function button on your telephone.

For KX-T7436 / KX-T7235 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1. Press a **Function** button (F1 through F10).
   * The STORE indicator light turns off.
   * The display shows the current status.

   <Example>
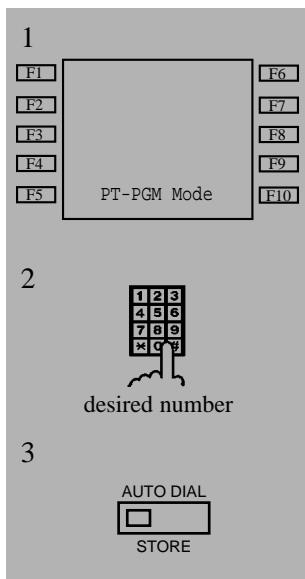
9-431-2111
CLR   NEXT

   (— The outside call, 431-2111, is now programmed.)

2. Enter the **desired number** (up to sixteen digits).
   * 0 through 9, ✳, #, RECALL, PAUSE, INTERCOM, ("[" or "]": secret) and CONF (–: hyphen) can be used.
   * To store the telephone number of an outside party, the line access code (9 or 81 through 88) must be the leading digit.
   * To erase the entry, press the CLR (S2) button.

3. Press the **STORE** button.
   * The STORE indicator lights.
   * The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

***To store a name***

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

```
1
 F1            F6
 F2            F7
 F3            F8
 F4            F9
 F5   PT-PGM Mode  F10

2


              NEXT
  S 1    S 2    S 3

3
        1 2 3
        4 5 6
        7 8 9
        * 0 #

        name

4
      AUTO DIAL
        □
        STORE
```
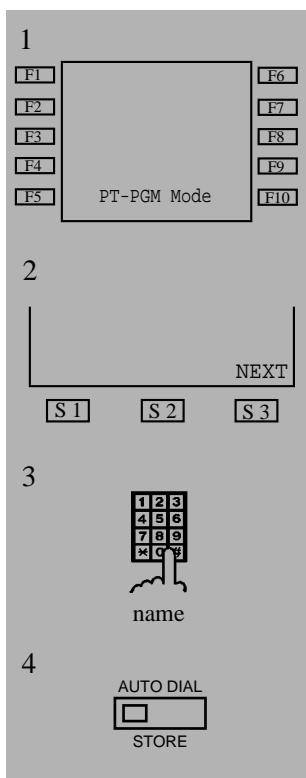
1. Press a **Function** button (F1 through F10).
   - The STORE indicator light turns off.
   - The display shows the current status.

2. Press the **NEXT** (S3) button.
   - The display shows the current status.

   <Example>
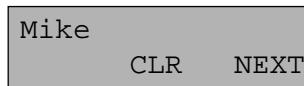
   ```
   Mike
         CLR    NEXT
   ```
   (— The name is now programmed.)

3. Enter the **name**.
   - Refer to the Combination Table on pages 51 and 52 on how to enter each character.

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2   *Programming*

For KX-T7433 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1. Press ✳ ✳.

2. Enter the **Station Speed Dial number** (0 through 9).
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

   ```
   9-431-2111
           CLR    NEXT
   ```
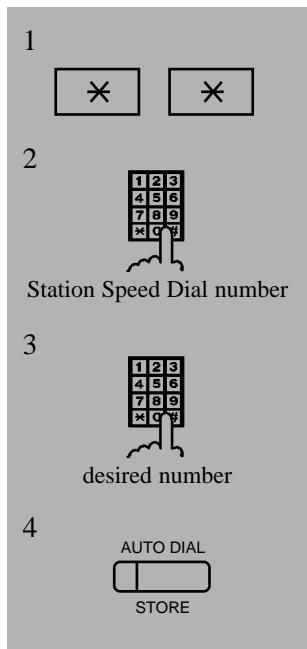
   (— The outside call, 431-2111, is now programmed.)

3. Enter the **desired number** (up to sixteen digits).
   - 0 through 9, ✳, #, RECALL, PAUSE, INTERCOM, ("[" or "]": secret) and CONF (–: hyphen) can be used.
   - To store the telephone number of an outside party, the line access code (9 or 81 through 88) must be the leading digit.
   - To erase the entry, press the CLR (S2) button.

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

1

| ✳ | | ✳ |

2

Station Speed Dial number

3

desired number

4

AUTO DIAL

STORE

To store a name

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1. Press ✳ ✳.

2. Enter the **Station Speed Dial number** (0 through 9).
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

   ```
   9-431-2111
              CLR    NEXT
   ```

   (— The outside call, 431-2111, is now programmed.)

3. Press the **NEXT** (S3) button to store a name.

4. Enter the **name**.
   - Refer to the Combination Table on pages 51 and 52 on how to enter each character.

5. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.
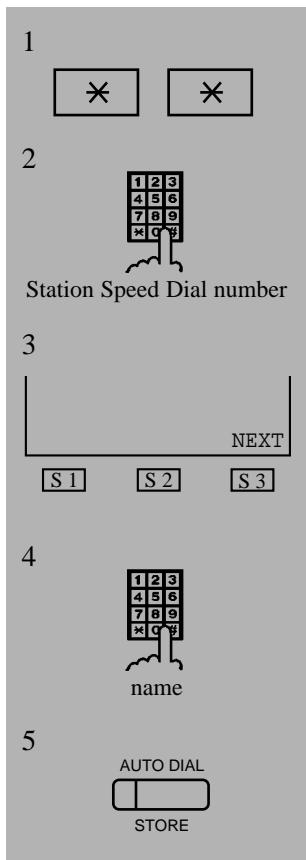
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 *Programming*

Combination Table

Characters can be entered using the dial key pad, various buttons or the Jog Dial for storing names.

Combination Table 1 shows the combination of keys and the number of times to press the SELECT (AUTO ANSWER/MUTE) button, or the combination of keys and the SHIFT and Soft buttons to enter characters. (The AUTO ANSWER/MUTE button becomes the SELECT button when using the overlay.)

To enter a character, find the key and number of times to press the SELECT button or the corresponding SHIFT and Soft button combination on the table. Press the corresponding key first, then press the SELECT button the required number of times. Or, you can use the SHIFT button and a Soft button (S1 through S3) instead of the SELECT button.

Combination Table 2 shows the combination of keys and the number of pulses to move the Jog Dial (click tones) to the right.

To enter a character, find the key and number pulses to rotate the Jog Dial. Press the corresponding key first, then rotate the Jog Dial the required number of times. Or, if you keep rotating the Jog Dial after pressing any dialling key, all of the characters in the table will be displayed.

Combination Table 1

SHIFT & Soft Combination		S1	SHIFT+ S1	S2	SHIFT+ S2	S3	SHIFT+ S3	SHIFT+ SHIFT+ S1	SHIFT+ SHIFT+ S2
Pressing SELECT (Times) Keys	0	1	2	3	4	5	6	7	8
1	1	Q	q	Z	z	!	?		
2	2	A	a	B	b	C	c		
3	3	D	d	E	e	F	f		
4	4	G	g	H	h	I	i		
5	5	J	j	K	k	L	l		
6	6	M	m	N	n	O	o		
7	7	P	p	Q	q	R	r	S	s
8	8	T	t	U	u	V	v		
9	9	W	w	X	x	Y	y	Z	z
0	0		.	,	'	:	;		
✳	*	/	+	-	=	<	>		
#	#	$	%	&	@	(	)		

Combination Table 2

Rotating Jog Dial (Pulses) Keys	0	1	2	3	4	5	6	7	8
1	1	Q	q	R	r	S	s	T	t
2	2	A	a	B	b	C	c	D	d
3	3	D	d	E	e	F	f	G	g
4	4	G	g	H	h	I	i	J	j
5	5	J	j	K	k	L	l	M	m
6	6	M	m	N	n	O	o	P	p
7	7	P	p	Q	q	R	r	S	s
8	8	T	t	U	u	V	v	W	w
9	9	W	w	X	x	Y	y	Z	z
0	0		!	?	.	,	'	:	;
∗	*	/	+	-	=	<	>	#	$
#	#	$	%	&	@	(	)	A	a

<Example> To enter "Mike"

— Using the SELECT button (*With a KX-T7433 / KX-T7436 / KX-T7235*)
   See Combination Table 1.

1. Press 6 and then press the SELECT button *once* to enter "M."

2. Press 4 and then press the SELECT button *six* times to enter "i."

3. Press 5 and then press the SELECT button *four* times to enter "k."

4. Press 3 and then press the SELECT button *four* times to enter "e."

— Using the SHIFT button and a Soft button (*With a KX-T7433 / KX-T7436 / KX-T7235*)
   See Combination Table 1.

1. Press 6 and then press the S1 button to enter "M."

2. Press 4 and then press the SHIFT and S3 button to enter "i."

3. Press 5 and then press the S2 button to enter "k."

4. Press 3 and then press the S2 button to enter "e."

— Using the Jog Dial (*With a KX-T7433 / KX-T7436*)
See Combination Table 2.

1. Press 6 and then rotate the Jog Dial *one* pulse to enter "M."
2. Press 4 and then rotate the Jog Dial *six* pulses to enter "i."
3. Press 5 and then rotate the Jog Dial *four* pulses to enter "k."
4. Press 3 and then rotate the Jog Dial *four* pulses to enter "e."

OR

1. Press 2 and then rotate the Jog Dial until "M" appears.
2. Press 2 and then rotate the Jog Dial until "i" appears.
3. Press 2 and then rotate the Jog Dial until "k" appears.
4. Press 2 and then rotate the Jog Dial until "e" appears.

Notes

- Pressing the SHIFT button alternates between capital and lower case letters. Once this button is pressed, that letter SHIFT mode remains until SHIFT is pressed again.
- To erase the last word (to backspace), press the CONF button.
  (The CONF button becomes the "←" (backspace) key when using the overlay.)
- To erase all of the data, press the CLR (S2) button.
- If you keep rotating the Jog Dial, all of the characters will be displayed in order.
  <Example> If you rotate the Jog Dial after pressing 2, all of the characters will appear in the following order:
  A a B b ···· Z z (space) ! ? . , ' : ; * / + − = < > # $ % & @ ( ) A a B b ....

Conditions

- The default is "Not Stored."
- Up to ten dialling numbers and names can be assigned. Each dialling number has a maximum of sixteen digits and each name has a maximum of ten characters.

Section 3
User Programming
(Manager Programming)

Contents

3.1   Programming Instructions

General Programming Instructions

User Programming (Manager Programming) allows you, the proprietary telephone (PT) user, to program the following features of the system from your telephone individually.
- Date and Time Set
- System Speed Dialling Number Set
- System Speed Dialling Name Set
- Extension Number Set
- Extension Name Set
- Flexible CO Button Assignment
- Operator / Manager Extension Assignment – Day / Night
- DSS Console Port and Paired Telephone Assignment
- Absent Messages
- Quick Dial Number Set
- Budget Management
- Charge Margin and Tax Rate
- ISDN Extension Number Set
- ISDN Extension Name Set
- Budget Management on ISDN Port
- Charge Rate Fractional Point Assignment
- Charge Rate Assignment
- TD286 Extension Number Set
- TD286 Extension Name Set
- Budget Management on TD286 Port
- Doorphone FWD Day / Night

To program, you need to switch your telephone to the User Programming mode. During the programming mode, your telephone is put in a busy condition to outside caller. If you want to make a normal call handling operation, you should finish the programming mode.

Default Setting

This system has a default factory setting. Any required changes can be written on "Programming Tables."

Required Telephone Set

One of the following telephone sets is required for User Programming (Manager Programming):
- Proprietary Telephone (PT): KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230

3.1   *Programming Instructions*

Soft Buttons and SHIFT Button on the Display PT

Three soft buttons are provided just below the display on the display Proprietary Telephones (PT). The functions of these soft buttons vary as the programming procedures advance from step to step. Those functions that are currently assigned to the buttons are shown on the lower line of the display. If the **SHIFT** button indicator is on, two functions are available with each soft button. To alternate between the two functions, press the **SHIFT** button on the right side of the display.

Using the Overlay

A programming overlay is packed with the main unit at the factory.
This overlay should be used at all times while in programming mode since the functions of the telephone keys change while in programming mode.

Location of Controls with the Overlay

The pictures below show the functions of the buttons of the KX-T7235 and KX-T7230 while in programming mode.
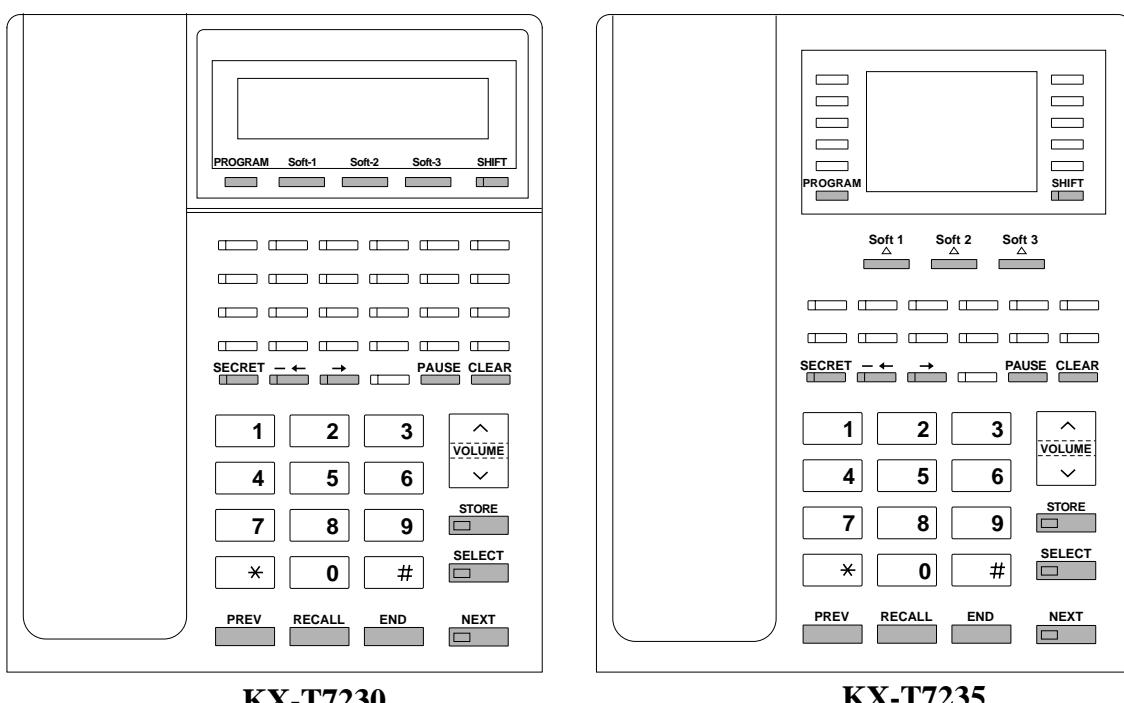
KX-T7230

KX-T7235

For **KX-T7436** / **KX-T7433**, please refer to the "**1.1 Configuration**" in this manual.

Before entering the programming mode

Before entering programming mode, confirm that:
- Your telephone is on-hook.
- No calls are on hold at your telephone.

3.1 *Programming Instructions*

Entering the programming mode

To enter the User Programming (Manager Programming) mode:

Press **PROGRAM** + ✳ + ✳ + **User Password (default:1234)**

• The display shows the Initial Message: `USR-PGM NO?->`

Notes:
• If nothing is entered in five seconds after the **PROGRAM** button is pressed, it is cancelled.
• During the programming mode, your extension is treated as a busy extension.
• Only one proprietary telephone can be in programming mode at any one time.
• The User Password is not shown on the display. The password can be changed by System Programming.

Programming References

• System Programming — Installation Manual
   [120] User Password

In this section, programs [000] through [004] are described. Please refer to the Installation Manual or consult your dealer when you need to change the following programs:

   • [005] Flexible CO Button Assignment
   • [006] Operator / Manager Extension Assignment – Day / Night
   • [007] DSS Console Port and Paired Telephone Assignment
   • [008] Absent Messages
   • [009] Quick Dial Number Set
   • [010] Budget Management
   • [011] Charge Margin and Tax Rate
   • [012] ISDN Extension Number Set
   • [013] ISDN Extension Name Set
   • [014] Budget Management on ISDN Port
   • [015] Charge Rate Fractional Point Assignment
   • [016] Charge Rate Assignment
   • [017] TD286 Extension Number Set
   • [018] TD286 Extension Name Set
   • [019] Budget Management on TD286 Port
   • [021] Doorphone Call Forwarding — Day
   • [022] Doorphone Call Forwarding — Night

3.1   *Programming Instructions*

Programming Ways

Advancing to the next stage

When "USR-PGM NO?->" is displayed, you can select one of the following:
- To go to program [000], press the **NEXT** button.
- To go to another program, enter the 3-digit program address.

Rotation of jack number

Each jack of our Digital Super Hybrid System supports the connection of a proprietary telephone and an analog device with different extension numbers (eXtra Device Port: XDP function).

To program this function it is necessary to assign two parts for each jack. The first part of jack one is 01-1. The second part of jack one is 01-2. The first part of jack two is 02-1 and so on. The **NEXT** and **PREV** buttons can be used to move from jack to jack as required.

Example;

	NEXT		**NEXT**		**NEXT**	
#01-1	⇄	#01-2	⇄	#02-1	⇄	#02-2......
	PREV		**PREV**		**PREV**	
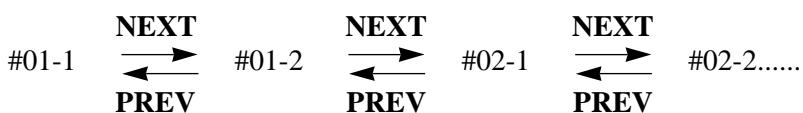
Note:

The first part of a jack is for a PT of a XDP-assigned jack. The second part is for a single line device. Program [600] "EXtra Device Port" assigns which jacks are XDP.

Entering Characters

You can enter characters to store names for speed dial numbers, extension numbers, etc., by using the dialling key pad and the buttons.

Each of twelve dialling keys on the dialling key pad has seven characters assigned. Refer to the "Station Speed Dialling Number / Name Assignment (KX-T7436 / KX-T7433 / KX-T7235 only)" section in Section 2.2 Programming.

Storing your data

Press **STORE** to store your data.
- The **STORE** indicator lights red and confirmation tone sounds.

* **Confirmation tone (one beep)**

After pressing **STORE**, you will hear a beep. This informs you that your storage is completed.

***Alarm tone (three beeps)**

If you hear the alarm, your entry is not valid.

3.1   *Programming Instructions*

Making another selection within the same program address

- To make the next higher selection, press **NEXT**.
- To make the previous selection, press **PREV**.
- To make a specific selection, press **SELECT** and then enter the number.

Going to another program address

After pressing **STORE**, you can go to another program with either of the following two methods:

(1) • To go to the next larger program address:
Press **Soft 1 (SKP+)** or **VOLUME ∨ (DOWN)** or rotate **Jog Dial (counter-clockwise)**.

   • To go to the next smaller program address:
Press **SHIFT + Soft 1 (SKP-)** or **VOLUME ∧ (UP)** or rotate **Jog Dial (clockwise)**.

(2) To go to a specific program address:
Press **END**, then enter the program address.

Going back to the operation mode

There are two ways to go back to the operation mode:

(1) Lift the handset while in programming mode.
(2) When the Initial Message: `USR-PRG NO?->` is displayed, press the **PROGRAM** button.
(To display the Initial Message, press **END**.)

NOTICE
It is assumed that you have read Section 3.1 "General Programming Instructions." The use of the soft buttons is discussed in the section, therefore we will not make any reference to them in the following instructions. At any time the soft buttons can be used in place of the overlay keys.

Description   Sets the current data and time.

Selection
- Day: **1 through 31**
- Month: **Jan. through Dec.**
- Year: **00 through 99**
- Day of the week: **SUN / MON / TUE / WED / THU / FRI / SAT**
- Hour: **00 through 12**
- Minute: **00 through 59**
- **AM / PM**

Default   1 Jan '94 SAT 12:00 AM

Programming

1.   Enter **000**.

      ```
      Display: Day/Time Set
      ```

2.   Press **NEXT**.

      ```
      Display example: 1 Jan  '94 SAT
      ```

3.   Enter the **day**.

      To change the current entry, press **CLEAR** and the new day.

4.   Press ➡.

5.   Keep pressing **SELECT** until the desired month is displayed.

6.   Press ➡.

7.   Enter the **year**.

      To change the current entry, press **CLEAR** and the new year.

8.   Press ➡.

9.   Keep pressing **SELECT** until the desired day of the week is displayed.

10. Press **STORE**.

11. Press **NEXT**.

      ```
      Display example: 12:00 AM
      ```

12.   Enter the **hour**.

> To change the current entry, press **CLEAR** and the new hour.

13.   Press ➡.

14.   Enter the **minute**.

> To change the current entry, press **CLEAR** and the new minutes.

15.   Press ➡.

16.   Press **SELECT** for AM or PM.

17.   Press **STORE**.

18.   Press **END**.

Conditions

- After changing an entry, you can press **STORE**. You do not have to perform all of the rest of the steps.
- To go back to the previous field, press ⬅ at steps 4 through 9 and steps 13 through 16.
- If you hear the alarm after pressing **STORE**, check that the date is valid.
- The clock starts immediately after the **STORE** button is pressed.
- You cannot leave the entry empty.
- The time is adjusted automatically, if the first outgoing call is made after three o'clock each morning.

Feature References   **Installation Manual, Section 3, Features,**
Display, Time and Date

Description	Used to program the System Speed Dial numbers. These numbers are available to all extension users. The stored numbers are also applied to CO Incoming Call Information Display / Log features.
Selection	• Speed dial number: **000 through 499** • Telephone number: **24 digits (max.)**
Default	All speed dial numbers – Not stored

Programming

1. Enter **001**.

    ```
    Display: SPD Number Set
    ```

2. Press **NEXT**.

    ```
    Display: SPD-Code?->
    ```

3. Enter a **speed dial number**.

    To enter speed dial number 000, you can also press **NEXT**.

    ```
    Display example: 000: Not Stored
    ```

4. Enter a **telephone number**.

    To delete the current entry, press **CLEAR**.

    To change the current entry, press **CLEAR** and the new number.

5. Press **STORE**.

6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

• There is a maximum of 500 speed dial numbers. Each speed dial number has a maximum of 24 digits. The valid characters are **0 through 9, ✷, and # keys, RECALL, PAUSE, SECRET and – (hyphen) buttons**.
  – To store the register recall signal, press **RECALL**.
      Note : The stored recall will be in effect only during an established call.
      (Refer to the Installation Manual, Section 3 "External Feature Access.")

– To store a hyphen, press the "–" button.
– To store a pause, press **PAUSE**.
  (Refer to the Installation Manual, Section 3 "Pause Insertion, Automatic.")
– To store the feature number to convert pulse signals to DTMF signals, press the ✱ # keys.
  (Refer to the Installation Manual, Section 3 "Pulse to Tone Conversion.")
– To prevent the display of all or part of the number, press **SECRET** before and after confidential parts of the number. The **SECRET** button must always be entered in a pair. Or your entry is not stored.
  (Refer to the Installation Manual, Section 3 "Secret Dialling.")

• If you are storing an external number, include the line access code (default=9, 81 through 88) before the number. When dialling, a pause is automatically inserted after the code. If the programmed pause time (in program [412] "Pause Time") is 1.5 or 2.5 seconds, it is required to store a pause manually after the line access code.

• If you are storing an account code, enter the account code before the line access code. (Refer to the Installation Manual, Section 3 "Account Code Entry.")

• If you are storing a number for CO Incoming Call Information Display with name, enter "–" (hyphen) after the line access code. The system starts to compare the calling party's number with the System Speed Dialling Number stored after "–." Example : 9–12345678
(Refer to the Installation Manual, Section 3 "CO Incoming Call Information Display.")

• It is possible to store a number consisting of 25 digits or more by storing it in two speed dial numbers. A line access code should not be stored in the second speed dial number.

• To go to another speed dial number at steps 3 through 6, press **SELECT** and start with step 3.

• To display parts of the number which have scrolled off the display, press ➡ or ⬅.

• Program [002] "System Speed Dialling Name Set" is used to give names to speed dial numbers.

Feature References   **Installation Manual, Section 3, Features,**

CO Incoming Call Information Display

CO Incoming Call Information Log

Special Features for KX-T7436 / KX-T7433 / KX-T7235
    — System Speed Dialling

System Speed Dialling

Toll Restriction for System Speed Dialling

Description Assigns names to the system speed dial numbers assigned in program [001] "System Speed Dialling Number Set." The KX-T7436 / KX-T7433 / KX-T7235 shows the stored name when performing System Speed Dialling. The stored names are applied to the CO Incoming Call Information Display / Log features.

Selection • Speed dial number: **000 through 499**
• Name: **10 characters (max.)**

Default All speed dial numbers – Not stored

Programming

1. Enter **002**.

   ```
   Display: SPD Name Set
   ```

2. Press **NEXT**.

   ```
   Display: SPD Code?->
   ```

3. Enter a **speed dial number**.

   To enter speed dial number 000, you can also press **NEXT**.
   ```
   Display example: 000: Not Stored
   ```

4. Enter a **name**.

   For entering characters, see Section 2.2 "Programming."
   To delete the current entry, press **CLEAR**.
   To change the current entry, press **CLEAR** and the new name.

5. Press **STORE**.

6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions • Speed dial numbers are programmed in program [001] "System Speed Dialling Number Set."
• There is a maximum of 500 names. Each name has a maximum of 10 characters.

Feature References **Installation Manual, Section 3, Features,**
CO Incoming Call Information Display
CO Incoming Call Information Log
Special Features for KX-T7436 / KX-T7433 / KX-T7235
    — System Speed Dialling
System Speed Dialling

Description   Assigns an extension number to each extension.

Selection   • Jack number: KX-TD816 – **01 through 16 (-1 / -2)**
                                         KX-TD1232 – **01 through 64 (-1 / -2)**
                                         (-1 = first part, -2 = second part)
                         • Extension Number: **2 through 4 digits**

Default   KX-TD816 – Jack 01-1 through 16-1 = 201 through 216;
                                    Jack 01-2 through 16-2 = 301 through 316
                         KX-TD1232 – Jack 01-1 through 64-1 = 201 through 264;
                                     Jack 01-2 through 64-2 = 301 through 364

Programming   **1.**   Enter **003**.

                                  ```
                                  Display: EXT Number Set
                                  ```

                         2.   Press **NEXT**.

                                  ```
                                  Display: Jack NO?->
                                  ```

                         3.   Enter a **jack number**.

                                  To enter jack number 01, you can also press **NEXT**.
                                  To select the second part (-2), press **NEXT** after entering a jack number.
                                  ```
                                  Display: #01-1:EXT201
                                  ```

                         4.   Enter an **extension number**.

                                  To change the current entry, press **CLEAR** and the new number.

                         5.   Press **STORE**.

                         6.   To program another jack, press **NEXT** or **PREV**, or **SELECT** and the
                                  desired **jack number**.

                         7.   Repeat steps 4 through 6.

                         8.   Press **END**.

Conditions   • There is a maximum of 32 extension numbers for the KX-TD816 and 128
                           extensions for the KX-TD1232. Each extension number can be two, three,
                           or four digits, consisting of **0 through 9**. The $\ast$ and # keys cannot be used.
                         • For the KX-TD1232, jack numbers 01 through 32 are for the Master System
                           and 33 through 64 are for the Slave System.

3.2 User Programming (Manager Programming)
Extension Number Set (contd.)

003

- An extension number is invalid if the leading first or second digits disagree with the setting of the program [100] "Flexible Numbering, 1st through 16th hundred extension blocks." If one digit is assigned as the leading digit, some extensions have two digits and some have three digits. If two digits are assigned, some have three digits and some have four digits.
- Two extension numbers can be assigned per jack. If XDP is disabled for the jack in program [600] "EXtra Device Port," the extension number of the second part (XX-2) is not available. (XX=jack number)
- For an explanation of jack numbering, see "Rotation of jack number" on page 57.
- Double entries or incompatible entries are invalid for programs [012] "ISDN Extension Number," [127] "Voice Mail Extension Number Assignment," and [813] "Floating Number Assignment."
  Valid entry examples: 10 and 11; 10 and 110. Invalid entry examples: 10 and 106; 210 and 21.
- Program [004] "Extension Name Set" is used to give names to extension numbers.

Feature References   **Installation Manual, Section 3, Features,**

Display, Call Information

EXtra Device Port (XDP)

Intercom Calling

Special Features for KX-T7436 / KX-T7433 / KX-T7235
    — Extension Dialling

004   *3.2*   *User Programming (Manager Programming)*
Extension Name Set

Description   Assigns names to the extension numbers programmed in program [003]
"Extension Number Set."

Selection   • Jack number: KX-TD816 – **01 through 16 (-1 / -2)**
                  KX-TD1232 – **01 through 64 (-1 / -2)**
                  (-1 = first part, -2 = second part)
• Name: **10 characters (max.)**

Default   All jacks – Not stored

Programming   1.   Enter **004**.

               Display: EXT Name Set

          2.   Press **NEXT**.

               Display: Jack NO?->

          3.   Enter a **jack number**.

               To enter jack number 01, you can also press **NEXT**.
               To select the second part (-2), press **NEXT** after entering a jack number.
               Display: #01-1:Not Stored

          4.   Enter a **name**.

               For entering characters, see "Station Speed Dialling Number/Name
               Assignment" in Section 2.2 "Programming."
               To delete the current entry, press **CLEAR**.
               To change the current entry, press **CLEAR** and the new name.

          5.   Press **STORE**.

          6.   To program another jack, press **NEXT** or **PREV**, or **SELECT** and the
               desired **jack number**.

          7.   Repeat steps 4 through 6.

          8.   Press **END**.

Conditions   • There is a maximum of 32 extension numbers for the KX-TD816 and 128
                 extensions for the KX-TD1232
               • For the KX-TD1232, jack numbers 01 through 32 are for the Master System
                 and 33 through 64 are for the Slave System.
               • Program [003] "Extension Number Set" is used to assign extension
                 numbers.
               • For an explanation of jack numbering, see "Rotation of jack number" on
                 page 29.

Feature References   **Installation Manual, Section 3, Features,**

Display, Call Information

Intercom Calling

Special Features for KX-T7436 / KX-T7433 / KX-T7235

   — Extension Dialling

Automatic Callback Busy (Camp-On)

Cancelling
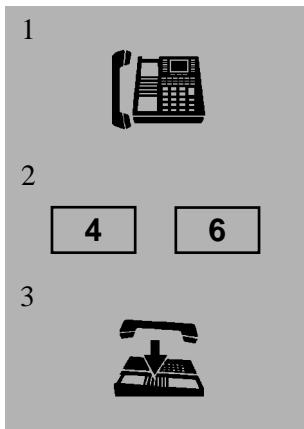
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (46).

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

1

2

3

4   6

Programming References

• System Programming — Installation Manual Addendum
[100] Flexible Numbering, Automatic callback busy cancel

Background Music (BGM)

You can hear background music through the built-in speaker of the telephone.
An external music source, such as a radio, must be connected.
The music stops whenever a call comes in or when you lift the handset.

Soft Button Operation

1

BGM

S 1   S 2   S 3
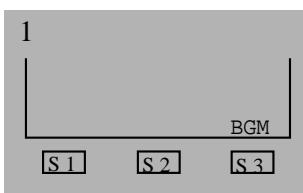
When the handset is on the cradle and the SP-PHONE button is off;

1. Press the **BGM** (S3) button.

   • To turn off the BGM, press this button again.

Standard Operation

Setting / Cancelling

1
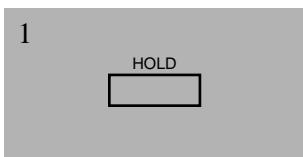
HOLD

When the handset is on the cradle and the SP-PHONE/MONITOR button is off;

1. Press the **HOLD** or **TRANSFER** button.

   • The display shows as following for five seconds depending on whether BGM is on or off:

BGM On

   or

BGM Off

Condition

• You can also use the TRANSFER button to set or cancel the BGM feature.

Programming References

• System Programming — Installation Manual
   [803] Music Source Use
   [990] System Additional Information, Field (20)

Call Forwarding — from Hunting Group

Pre-assigned extension users can forward calls arriving at any receiving group or calls arriving just at your own receiving group. The destination can be another receiving group or a specific extension. Some extensions may be restricted.

Setting

1

2

| **7** | **1** | **4** |

| **1** |

3

forwarding group number

4

destination group number
or extension number

5
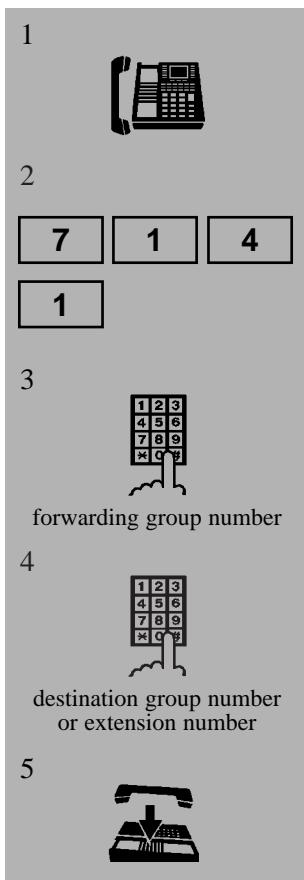
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **7141**.

3. Dial a **forwarding group number**.

4. Dial a destination **group number** or **extension number**.

5. **Hang up** and press the **SP-PHONE/MONITOR** button.

Cancelling

1

2

7	1	4

0

3

forwarding group number

4
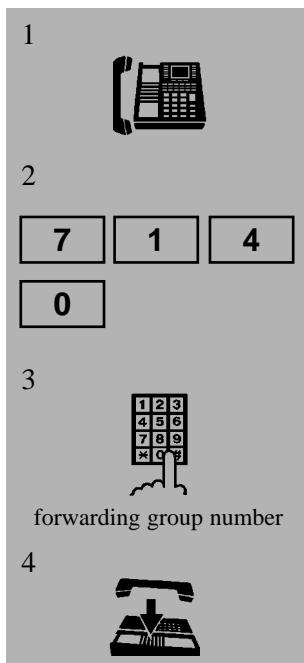
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial **7140**.

3. Dial **forwarding group number**.

4. **Hang up** and press the **SP-PHONE/MONITOR** button.

Conditions

- You can set or cancel this feature by simply pressing the Call forwarding from Hunting Group button.
- Each call can be forwarded up to four times. The fifth time will be disregarded.

Incoming call → A (Original destination) — once → B — twice → C — three times → D — four times → E — five times ✕→ F

- Boss-Secretary function

  The extension which has been set as the destination can call the forwarding extension. Also, any extension in the receiving group which has been set as the forwarded destination can call the forwarding extension.

  <Example>

  Call

  Forwarding extension — Forward set → Receiving group 1

Programming References

- System Programming — Installation Manual Addendum
  - [005] Flexible CO Button Assignment
  - [100] Flexible Numbering, Call forwarding from hunting group
  - [520] Call Forwarding from Hunting Group

Calling / Connected Line Identification Presentation (CLIP / COLP)

Allows you to display your number on the LCD of the called party's telephone when making a call (CLIP), or allows you to display your number on the LCD of the calling party's telephone when answering a call (COLP) through an ISDN line.

To select a CLIP / COLP number for a CO line

1

2

| 7 | 1 | 1 |

| 1 |

3
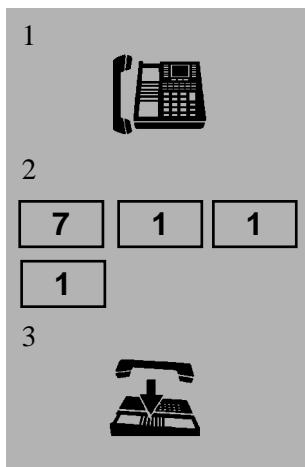
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (711) and **1**.
   - You will hear a confirmation tone.
   - The display shows:

     CLIP/COLP:CO

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

To select a CLIP / COLP number for an extension
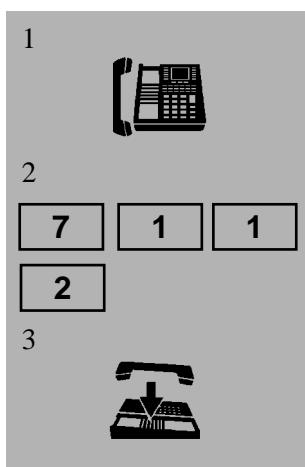
1

2

| 7 | 1 | 1 |

| 2 |

3

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (711) and **2**.
   - You will hear a confirmation tone.
   - The display shows:

     CLIP/COLP:EXT

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

To select a desired CLIP number for one time

1

2

| 7 | 1 | 1 |

| 3 |

3

desired CLIP number + #

4

CO

5
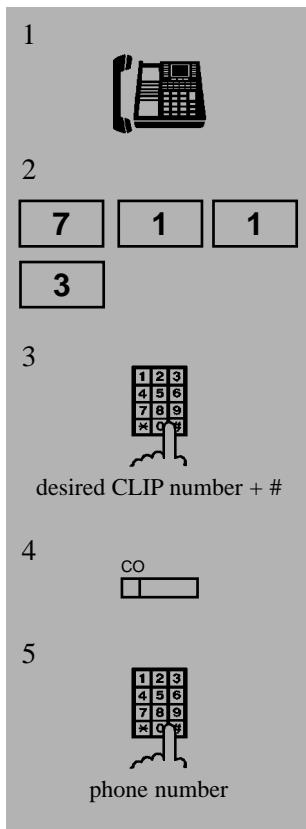
phone number

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (711) and **3**.

3. Dial the desired **CLIP number** and press **#**.
   • You will hear a confirmation tone.

4. Press a **CO** button or dial the **line access code** (0 or 81 through 88).

5. Dial the **phone number**.

Condition

• System programming is required to assign the numbers for a CLIP / COLP number.
  However, the number actually sent to the called or calling party depends on the contract of
  your ISDN network suppliers.

Programming References

• System Programming — Installation Manual Addendum
    [419] Subscriber Number Assignment
    [623] CLIP / COLP Number Assignment for Extension
    [624] CLIP / COLP Number Assignment for ISDN Extension

Feature References

Calling Line Identification Restriction (CLIR)
Connected Line Identification Restriction (COLR)

Calling Line Identification Restriction (CLIR)

Allows you to restrict the presentation of your number to the called party when you make a call. You can set the called party to see your number on the display once or continuously. This feature is an ISDN service.

To restrict the presentation of your number to the called party

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (59) and **2**.
   • The display shows:

   > CLIR   On

3. **Hang up** and press the **SP-PHONE/MONITOR** button.

To present your number to the called party
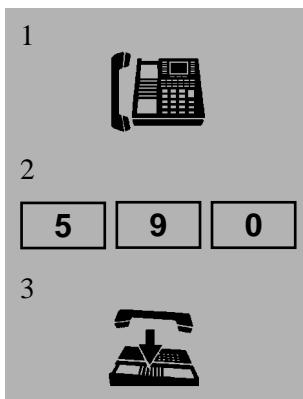
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (59) and **0**.
   • The display shows:

   > CLIR   Off

3. **Hang up** and press the **SP-PHONE/MONITOR** button.

To change the current setting just for this call
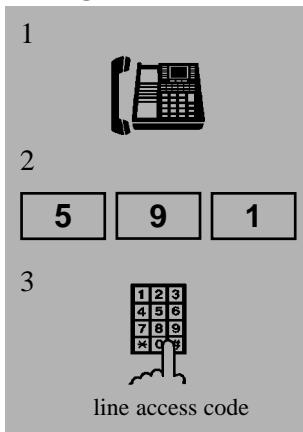
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (59) and **1**.

3. Dial the **line access code** (9 or 81 through 88), or press a **CO** button.

line access code

4
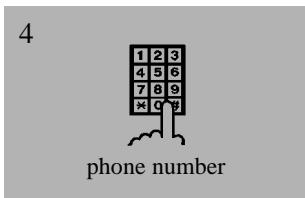
phone number

4. Dial the **phone number**.

Programming References

- System Programming — Installation Manual Addendum
  - [100] Flexible Numbering, CLIR continue/once/cancel
  - [419] Subscriber Number Assignment
  - [516] Calling Line Identification Restriction

CO Incoming Call Information Display

(KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)

Provides you with incoming outside call information on an ISDN line provided with the CLIP feature*. You can also record the information.

Operation (— for KX-T7436 / KX-T7235)

```
F1                              F6
         0111111111
F2                              F7
          JOHN WHITE
F3    Extension   STA Speed     F8
F4    Features    SYS Speed     F9
F5    Call Log                  F10

      S1        S2        S3
```
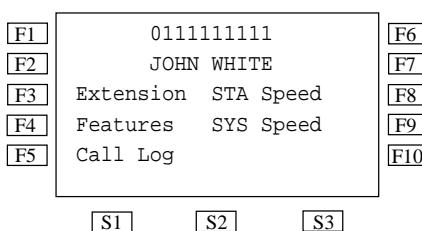
When you receive a CO incoming call, the display shows one of the following.

- The caller's telephone number and name
- The CO line number and CO line name
- The called party's DDI number and name

```
F1                              F6
       CO 09   00: 01'30
F2                              F7
F3    Extension   STA Speed     F8
F4    Features    SYS Speed     F9
F5    Call Log                  F10
        INFO     LOG

      S1        S2        S3
```

1. Lift the **handset** or press the **SP-PHONE** button.
   - The display changes as shown to the left.
   - If you want the normal display, press the SHIFT button. The button line of the display shows:

     CONT   EFA   ACCNT

```
F1                              F6
         0111111111
F2                              F7
          JOHN WHITE
F3    Extension   STA Speed     F8
F4    Features    SYS Speed     F9
F5    Call Log                  F10
      INFO     LOG

      S1        S2        S3
```
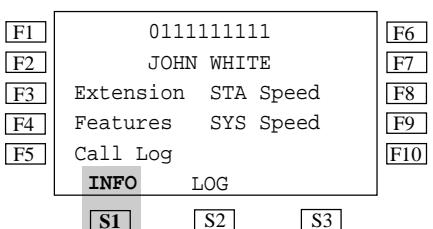
2. Press the **INFO** (S1) button if you want to see the caller's information.
   - The display changes as shown to the left.

```
F1                              F6
         0111111111
F2                              F7
          JOHN WHITE
F3    Extension   STA Speed     F8
F4    Features    SYS Speed     F9
F5    Call Log                  F10
        INFO     LOG

      S1        S2        S3
```
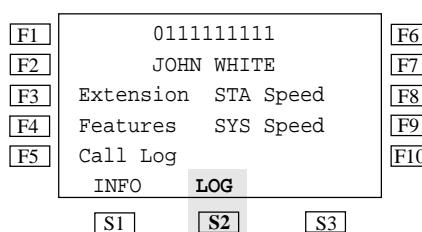
3. Press the **LOG** (S2) button if you want to record the information.

---

* *The ISDN line with CLIP feature provides you with the caller's information, such as his/her name and telephone number, on the CO line assigned to receive ISDN service calls. Refer to the Added and Changed features for the Installation Manual.*

Display Operation (— for KX-T7433 / KX-T7230)

Provides you with incoming outside call information on an ISDN line provided with the CLIP feature*. You can also record the information.
- The caller's telephone number and name
- The CO line number and CO line name
- The called party's DDI number and name

```
0111111111
JOHN WHITE
 S1       S2        S3
```

```
CO 09   00: 01'30
INFO    LOG
 S1       S2        S3
```

```
CO 09   00: 00'30
INFO    LOG
 S1       S2        S3
```

```
JOHN WHITE
        LOG
 S1       S2        S3
```
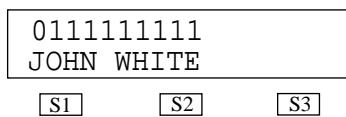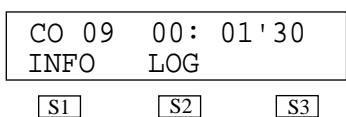
1. Lift the **handset** or press the **SP-PHONE** button.
   - The display changes as shown to the left.
   - If you want the normal display, press the SHIFT button. The button line of the display shows:

   `CONT   EFA   ACCNT`
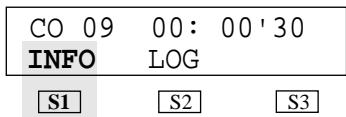
2. Press the **INFO** (S1) button if you want to see the caller's information.
   - The upper line of the display changes as follows (example):

   `0111111111`   (caller's telephone number)

   ⬇

   `JOHN WHITE`   (caller's name)
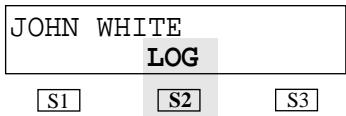
3. Press the **LOG**(S2) button if you want to record the information.

Conditions
- The SHIFT indicator light may turn on when receiving a call. Pressing this button provides you with more information about the caller.
- The displayed information is assigned by system programming.
- If a call is carried from the ISDN line, only the telephone number is sent to the system. The system provides the caller's name by comparing the number with the Speed Dialing Numbers and Names. If the Speed Dialing Number is not given a name, the name cannot be displayed.

Programming References
- User Programming (Manager Programming) (Section 3)
  - [001] System Speed Dialing Number Set
  - [002] System Speed Dialing Name Set
- System Programming — Installation Manual & Installation Manual Addendum
  - [001] System Speed Dialing Number Set
  - [002] System Speed Dialing Name Set
  - [622] Incoming Call Display

Feature References

CO Call Information Log

CO Incoming Call Information Log Lock

CO Incoming Call Information Log Mode

* *The ISDN line with CLIP feature provides you with the caller's information, such as his/her name and telephone number, on the CO line assigned to receive ISDN service calls. Refer to the Added and Changed features for the Installation Manual.*

Completion of Calls to Busy Subscriber (CCBS)

You can set the telephone to receive call-back ringing when a busy called party on an ISDN line becomes free. When you answer the call-back ringing, the called party's telephone number is automatically dialled.

Soft Button Operation
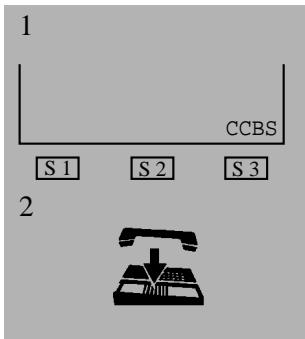
Setting

While hearing an indication tone*;

1. Press the **CCBS** (S3) button.

2. **Hang up** or press the **SP-PHONE/MONITOR** button.

Standard Operation

Setting
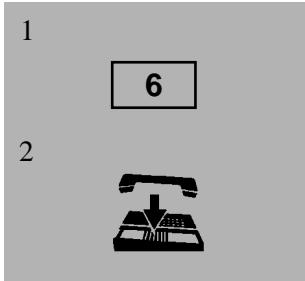
While hearing an indication tone*;

1. Dial **6**.

2. **Hang up** or press the **SP-PHONE/MONITOR** button.

Answering and calling

1. **Hang up** or press the **SP-PHONE/MONITOR** button.

Cancelling
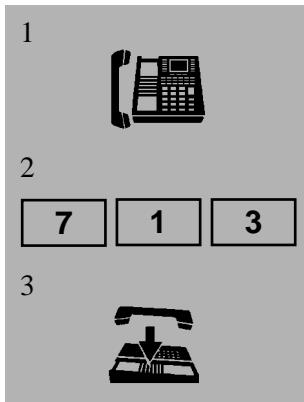
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial **713**.

3. **Hang up** and press the **SP-PHONE/MONITOR** button.

Condition

- The availability of this feaure depends on the ISDN service of your telephone company.
- If you do not answer after four call-back rings, this feature will be cancelled.
- This feature is not available for an ISDN telephone user.
- * Indication tone

1 s

Programming References

- System Programming — Installation Manual Addendum
    [100] Flexible Numbering, CCBS
    [153] Completion of Calls to Busy Subscriber

Connected Line Identification Restriction (COLR)

Allows you to restrict the presentation of your number to the calling party when you receive the incoming call. You can set the calling party not to see your number on the display. This feature is an ISDN service.

To restrict the presentation of your number to the calling party

1
2
| 5 | 8 | 1 |
3

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (58) and **1**.
   • The display shows:

   | COLR   On |

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

To present your number to the calling party

1
2
| 5 | 8 | 0 |
3
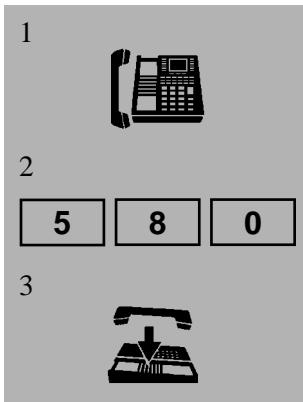
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (58) and **0**.
   • The display shows:

   | COLR   Off |

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Programming References

• System Programming — Installation Manual Addendum
    [100] Flexible Numbering, COLR set/cancel
    [419] Subscriber Number Assignment
    [517] Connected Line Identification Restriction

Do Not Disturb (DND)

Allows you to prevent other parties from disturbing you. Your extension does not receive intercom or outside calls.

Display Operation (— for KX-T7436 / KX-T7235)

Setting

1

2

FWD/DND

3

F2 DND   (→0/✶/ext)

F3

F4

F5

4

extension number, 0 or ✶

5
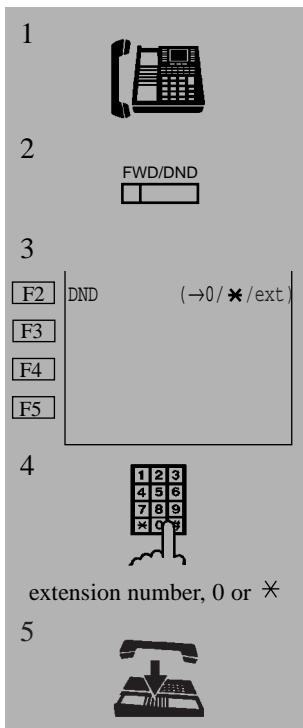
1. Lift the **handset** or press the **SP-PHONE** button.

2. Press the **FWD/DND** button.

3. Press the **Do Not Disturb** (F2) button.

4. Dial the **extension number**, **0** (to operator) for the backup station or ✶ (no backup).
   • You hear a confirmation tone and then a dial tone.
   • The display shows:

   | DND   Extxxx |

   └──── Extension number

5. **Hang up** or press the **SP-PHONE** button.
   • The FWD/DND indicator light turns on.

Cancelling

1

2

FWD/DND

3

F1 FWD/DND Cancel

F2

F3

F4

F5

4
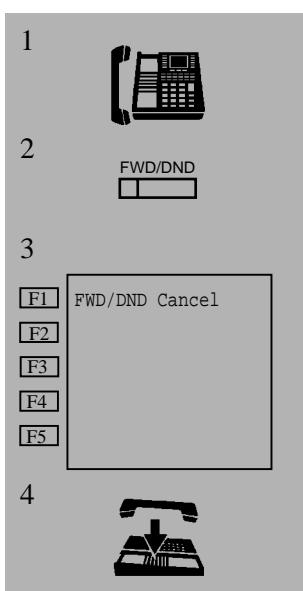
1. Lift the **handset** or press the **SP-PHONE** button.

2. Press the **FWD/DND** button.

3. Press the **FWD/DND Cancel** (F1) button.
   • You hear a confirmation tone and then a dial tone.
   • The display shows:

   | FWD/DND   Cancel |

4. **Hang up** or press the **SP-PHONE** button.
   • The FWD/DND indicator light turns off.

Standard Operation

Setting

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.

FWD/DND

3. Dial **1**.

1

4. Dial the **extension number**, **0** (to operator) for the backup station or ✳ (no backup).
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

extension number, 0 or ✳

```
DND        Extxxx
```
   └── Extension number

5. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - The FWD/DND indicator light turns on.

Cancelling

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.

FWD/DND

3. Dial **0**.
   - You hear a confirmation tone and then a dial tone.
   - This display shows:

0

```
FWD/DND   Cancel
```

4. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - The FWD/DND indicator light turns off.

Conditions

- If the extension is already set as the destination of the "Call Forwarding," "Do Not Disturb (DND)" and "Do Not Disturb for Direct Dial In Calls" features, you cannot set this feature and when you set this feature, you hear a reorder tone.
- When this feature is set, an incoming outside call (directed by Intercept Routing or DIL 1:1 extension) will be automatically transferred to the backup station (pre-assigned extension). An incoming intercom call will send the DND tone to your extension.
- This feature does not work for the following calls: doorphone calls; recalls for hold; Timed Reminder alarm.
- While the operator is set as the destination of the "Do Not Disturb (DND)" feature, even if the operator is different from Day mode and Night mode, an incoming call will be transferred to an operator. If the operator is not assigned, an incoming call will be transferred to the IRNA.
- When this feature is set, "Call Forwarding" and "Do Not Disturb for Direct Dial In Calls" features are cancelled.
- A calling extension that has "Do Not Disturb (DND) Override" enabled can override your extension when it is set to "Do Not Disturb (DND)" mode.
- If the destination extension has DND activated, then DSS button corresponding to it will light up red. This indicates to the proprietary telephone or DSS console user that the destination extension is unavailable.
- A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned as the FWD/DND button.

Programming References

- Station Programming (Section 2)
    Flexible Button Assignment — FWD/DND Button
    (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Call Forwarding
Do Not Disturb (DND) Override
Do Not Disturb for Direct Dialling In Calls
Intercept Routing (→ see Installation Manual)

Do Not Disturb for Direct Dialling In Calls

You can set "Do Not Disturb (DND)" feature for Direct Dialling In (DDI) calls. Direct Dialling In calls will be transferred to the operator. The operator cannot set this feature.

Setting
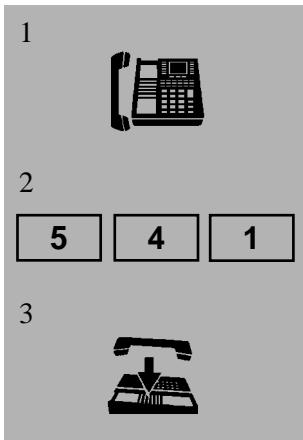
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (54) and **1**.
   • You hear a confirmation tone and then a dial tone.
   • The display shows:
     | DND-DDI Set |
   • The FWD/DND indicator light turns on.

3. **Hang up** or press the **SP-PHONE/MONITOR** button.
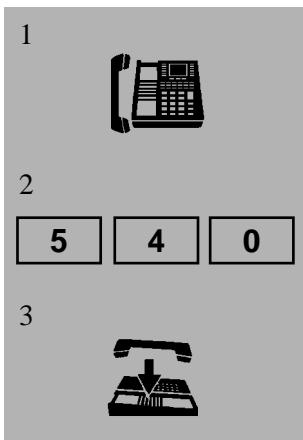
Cancelling

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (54) and **0**.
   • You hear a confirmation tone and then a dial tone.
   • The display shows:
     | DND-DDI Cancel |
   • The FWD/DND indicator light turns off.

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

• When this feature is set, an incoming call (directed by Intercept Routing or DIL 1:1, DIL 1:N) can be answered.
• Even if this feature is set, your extension does not deny Direct Dialling In calls in the following cases:
  1) The destination of DDI calls is UCD.
  2) The destination of DDI calls is the Hunting group member that is set this feature.
• If the destination extension has DND activated, then the DSS button corresponding to it will light up red. This indicates to the proprietary telephone or DSS console user that the destination extension is unavailable.

- If the operator is assigned different from Day mode and Night mode, Direct Dialling In calls will be transferred to an operator. If the operator is not assigned, Direct Dialling In calls will be transferred to the IRNA.
- When you set this feature, "Call Forwarding" and "Do Not Disturb (DND)" features will be cancelled.
- When this feature is set, if you go off-hook, you will hear a special dial tone.

Feature References

Call Forwarding

Do Not Disturb (DND)

Do Not Disturb (DND) Override

Direct Dialling In (DDI) ($\rightarrow$ see Installation Manual)

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

Calling an extension from a doorphone

1.

1. Press the **Doorphone** button.
   - The visitor hears a beep.
   - Wait for an answer and talk.

Answering a doorphone call

1.

When you hear the doorphone ring tone at the extension;
1. Lift the **handset** or press the **SP-PHONE** button.

Calling a doorphone

1.

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. **6**   **1**

2. Dial the **feature number** (61).

3.

doorphone number

3. Dial a **doorphone number** (1 or 2) or (1 through 4) as follows.
   - 1 or 2:   if you are connected to the KX-TD816
   - 1 through 4: if you are connected to the KX-TD1232
   - You can talk after you hear a confirmation tone.
   - The display shows:
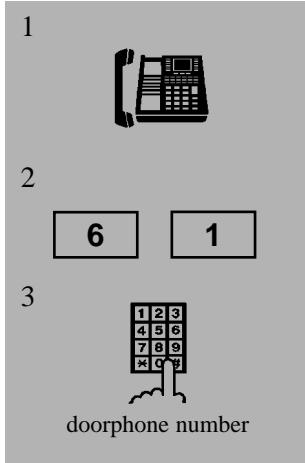
   | Doorphone X |
   └──────Doorphone number
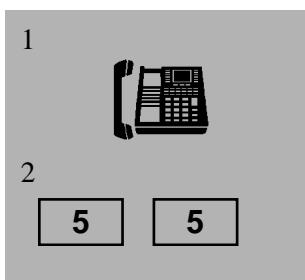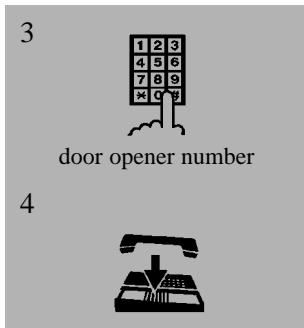
To unlock the door from an assigned extension

1.

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. **5**   **5**

2. Dial the **feature number** (55).

3

door opener number

4

3. Dial a **door opener number** (1 or 2) or (1 through 4) as follows.
   – 1 or 2:   if you are connected to the KX-TD816
   – 1 through 4: if you are connected to the KX-TD1232
   • You hear a confirmation tone.
   • The door is left unlocked for 5 seconds.
   • The display shows:

   Door 1 Open

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

To unlock the door while talking to the doorphone from any extension

1

5

2
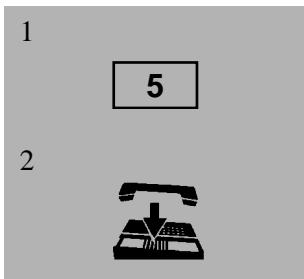
1. Dial **5**.
   • You hear a confirmation tone.
   • The door is left unlocked for 5 seconds.
   • The display shows:

   Door 1 Open

2. **Hang up** or press the **SP-PHONE** button.

Conditions

• If you dial 5 again while the door is open, the door will stay open for another five seconds.
• If you do not answer an incoming doorphone call within thirty seconds, the call is cancelled.
• You must program the extensions that can receive calls from each doorphone for day and night mode.
• "Class of Service" programming determines the extension that can unlock the door.
• It is possible for any extension user to originate a call to a doorphone.
• The door opener 1 through 4 can be unlocked using the feature number, while the doors which are paired with the doorphone 1 through 4 can be unlocked while talking to the doorphone.
• For the KX-TD1232, door openers 1 and 2 and doorphones 1 and 2 are related to the master cabinet, and door openers 3 and 4 and doorphones 3 and 4 are related to the slave cabinet.

Programming References

• System Programming — Installation Manual & Installation Manual Addendum
   [122] Automatic Door Open Assignment
   [511] Door Opener Access
   [607]–[608] Doorphone Ringing Assignment — Day/Night
   [625]–[626] Doorphone Call Forwarding — Day/Night

Doorphone Call Forwarding to CO Line

You can have incoming doorphone calls forwarded to outside parties using ISDN lines.
You can choose a different destination for Day mode and Night mode.
Some extensions may be restricted.

Setting / Cancelling (at the extension receiving doorphone calls)

1

2

| 7 | 1 | 6 |

3

doorphone number or ✳

4

| 1 | or | 0 |

5
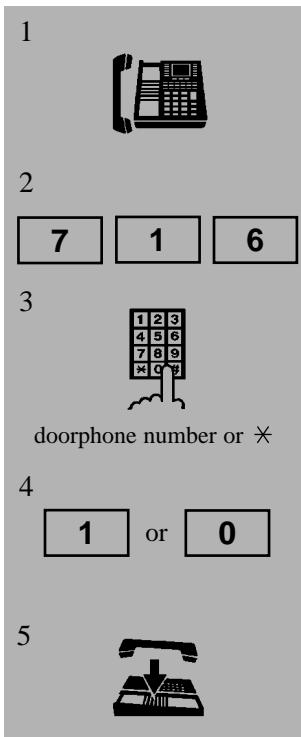
1. Lift the **handset** or press the **SP-PHONE** button.

2. Dial **716**.

3. Dial a specific doorphone number (1-4) or ✳ for all.
   - 1-4 : doorphone number
   - ✳ : for all

4. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

To store the phone number

1

2

| 7 | 1 | 5 |

3

| 0 | or | 1 |

1. Lift the **handset** or press the **SP-PHONE** button.

2. Dial **715**.

3. Dial **0** or **1**.
   - 0 : for Day
   - 1 : for Night

doorphone number or ✳

line access code
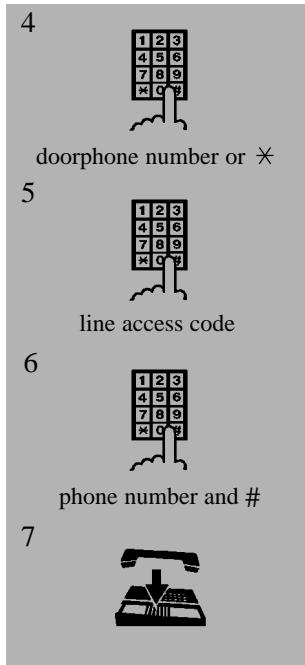
phone number and #

4. Dial specific **doorphone number** (1-4) or ✳ for all.

5. Dial the **line access code** (9 or 81 through 88).

6. Dial a **phone number** and **#**.

7. **Hang up** or press the **SP-PHONE/MONITOR** button.

To clear the phone number

| **7** | **1** | **5** |

| **0** | or | **1** |

doorphone number or ✳

| **#** |
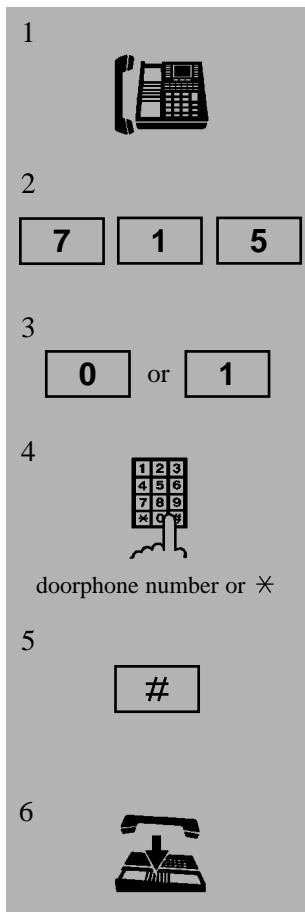
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial **715**.

3. Dial **0** or **1**.
   – 0: for Day
   – 1 : for Night

4. Dial specific **doorphone number** (1-4) or ✳ for all.

5. Dial **#**.

6. **Hang up** or press the **SP-PHONE/MONITOR** button.

4.2   *DPT Features*   **D**

Conditions

- You can set or cancel this features by simply pressing the Doorphne Call Forwarding to Outside Line button.
  If set, the button light turns red.
- Time limit

  A call between a party at a doorphone and an outside party is restricted by the system timer (Default: 0 sec.). The call is disconnected when the time runs out.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
  - [005] Flexible CO Button Assignment
  - [021]-[022] Doorphone Call Forwarding — Day/Night
  - [100] Flexible Numbering, Doorphone call forwarding to CO line / Doorphone call forwarding mode switch
  - [218] Doorphone-to-CO Line Call Duration Time
  - [521] Doorphone Call Forwarding to CO Line
  - [607]–[608] Doorphone Ringing Assignment — Day/Night
  - [990] System Additional Information, Area 06 – Bit 14

Emergency Call

Allows you to make an emergency call without dial restriction. You can store up to ten emergency numbers.

Dialling
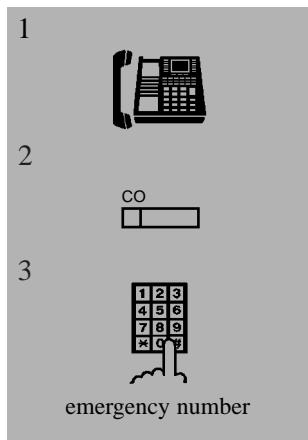
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   • You hear a dial tone.

2. Press a **CO** button or dial the **line access code** (9 or 81 through 88).

3. Dial the desired **emergency number**.

emergency number

Conditions

• An emergency call will override any toll restriction level, including the "Electronic Station Lockout" feature, and the account code mode, "Verified — All Calls" or "Verified — Toll Restriction Override."

Programming References

• System Programming — Installation Manual
   [311] Emergency Dial Set

Handset Microphone Mute

Allows you to turn off the handset microphone so you can consult privately with others in the room. You will still be able to hear the other party.

This feature is only available for KX-T7400 series telephone users.

Setting
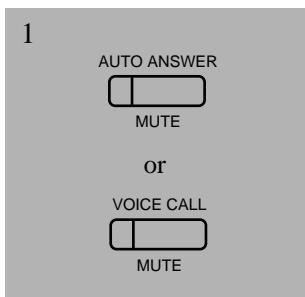
<table>
<tr>
<td>
1

AUTO ANSWER

MUTE

or

VOICE CALL

MUTE
</td>
<td>
During a conversation using the handset

1. Press the **AUTO ANSWER/MUTE** or **VOICE CALL/MUTE** button.
   - The AUTO ANSWER/MUTE or VOICE CALL/MUTE indicator light flashes red slowly.
</td>
</tr>
</table>

Cancelling
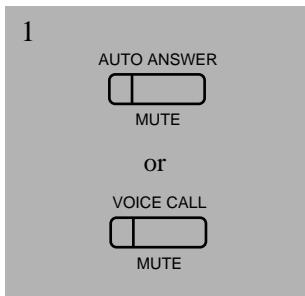
<table>
<tr>
<td>
1

AUTO ANSWER

MUTE

or

VOICE CALL

MUTE
</td>
<td>
When handset microphone mute is established

1. Press the **AUTO ANSWER/MUTE** or **VOICE CALL/MUTE** button.
   - The AUTO ANSWER/MUTE or VOICE CALL/MUTE indicator light turns off.
</td>
</tr>
</table>

Conditions

- This feature is only available during a conversation with the handset.

Hotel Application

Room Management

Allows you to print out the information of a guest room (e.g., cleaning status of the room and the total of the minibar charge) with a telephone in each room. Messages No.6-No.9 can be printed out.

<Example> Message 7: "Cleaned-up"
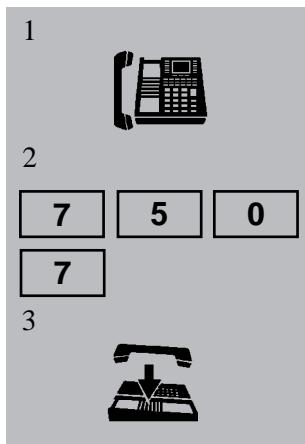
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (750) and **7**.

3. **Hang up** or press **SP-PHONE/MONITOR** button.

<Example> Message 8: "Minibar $ %%%.%"

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (750) and **8**.

3. Enter the **minibar charge**.

4. **Hang up** or press **SP-PHONE/MONITOR** button.

Data similar to below is printed out.

Date	Time	Ext	CO	Dial Number	ANS	Duration	Cost	Acc	CD
24.03.95	14:09	221		Cleaned-up					
24.03.95	10:23	230		Minibar $535.5					

Conditions

- System Programming is required to program the messages.
- This operation is the same as the Absent Message feature.
- It is necessary to assign [990] "System Additional Information, Field (34)" through System Programming beforehand.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
  [008] Absent Messages
  [990] System Additional Information, Field (34)

ISDN Network Service Access

Allows you to access a service which is provided from the ISDN network.

Using the flexible button
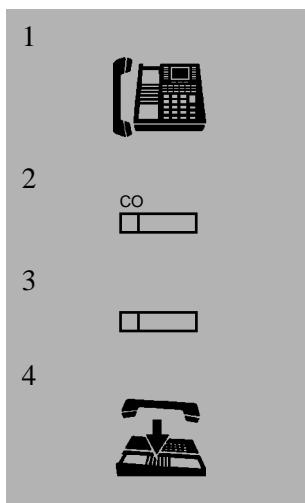
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press a **CO** button or dial the **line access code** (9 or 81 through 88).

3. Press the **flexible button** which is assigned as the **ISDN Service button**.

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

1

2

CO

3

4

Using the FWD/DND button
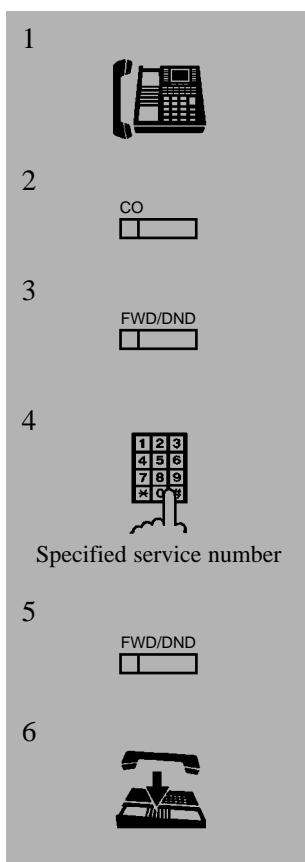
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press a **CO** button or dial the **line access code** (9 or 81 through 88).

3. Press the **FWD/DND button**.

4. Dial the **specified service number** for the ISDN service.

5. Press the **FWD/DND** button.

6. **Hang up** or press the **SP-PHONE/MONITOR** button.

1

2

CO

3

FWD/DND

4

Specified service number

5

FWD/DND

6

Condition

- For more information about the ISDN network services or the specific numbers, please consult with your ISDN network suppliers.

Programming References

- Station Programming (Section 2)

  Flexible Button Assignment — ISDN Service Button

  (System Programming–[005] (Installation Manual) can be used for this assignment.)

Live Call Screening (LCS)†

Allows a digital proprietary telephone user to monitor his voice mailbox while incoming callers are leaving a message and, if desired, intercept the call.

Preparation

- Setting the Password
- Assigning the Live Call Screening (LCS) button (Station Programming)
- Selecting the mode, either Hands-free or Private (Station Programming)

The flowchart of the Live Call Screening (LCS) feature

To set LCS on

- Press the LCS button.
- Enter the password.

To cancel LCS

Press the LCS button.

Hands-free Mode

Private Mode

During a conversation

(Call Waiting Tone)

(Alert Tone)

To monitor

(No operation)

Hang up*.

To monitor

Press the SP-PHONE /MONITOR or LCS button.

Lift the handset.

To stop the alert tone

Press the LCS Cancel button.

To stop monitoring

Press RECALL or the LCS Cancel button.

To answer the call

Press LCS or the SP-PHONE button.

Lift the handset.

To stop monitoring

Press RECALL or the LCS Cancel button.

Hang up.

*: To hold the current call temporarily, press the HOLD button.
   To return to the held call, press the CO button whose indicator light flashes green slowly.

- The shaped areas are for the Hands-free operation.
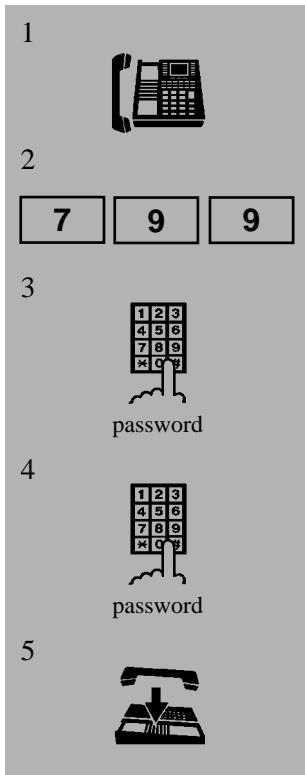
†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

Setting the password

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (799).

3. Enter the **password** (000 through 999).

4. Enter the same **password** again.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     | Password: xxx | — (xxx: password)

5. **Hang up** or press the **SP-PHONE/MONITOR** button.
   (To change your password, you must follow the instructions below for "Cancelling the password")

Cancelling the password
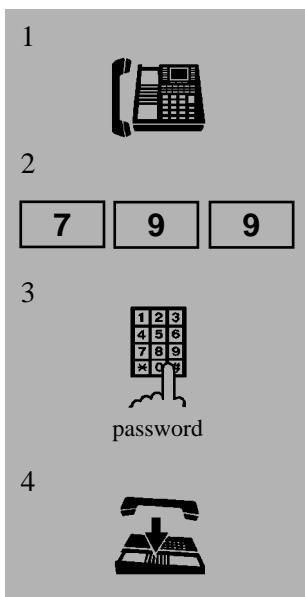
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (799).

3. Enter the **password** (000 through 999).
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     | Password Cancel |

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Setting Live Call Screening
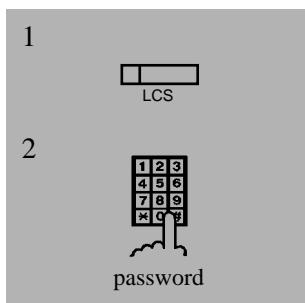
1	*When the telephone is idle and on-hook;*
LCS	1. Press the **Live Call Screening** button.
	• The display shows:
2	`LCS`
1 2 3 4 5 6 7 8 9 * 0 #	2. Enter the **password** (000 through 999).
password	• The Live Call Screening indicator light turns red.

Cancelling Live Call Screening
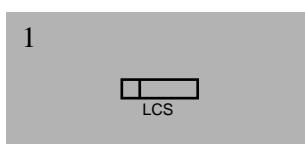
1	*While the telephone is idle and on-hook;*
LCS	1. Press the **Live Call Screening** button.
	• The Live Call Screening indicator light turns off.

In the Hands-free mode:

When callers are connected to your voice mailbox, message recording is monitored automatically through your extension speaker. While monitoring in the Hands-free mode, the Live Call Screening indicator light flashes green slowly.

Having a conversation with the party

1   1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, or press the **Live Call Screening** button.
- The Live Call Screening indicator light turns steady red from flashing green slowly.
- In the Keep Record mode, the Two-Way Record indicator turns on. Pressing the Two-Way Record button cancels the recording and the light turns off.

Stopping monitoring
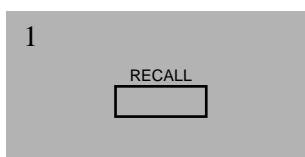
1   **RECALL**   1. Press the **RECALL** button or the **Live Call Screening Cancel** button.
- The Live Call Screening indicator light turns steady red from flashing green slowly.

In the Private mode:

When a caller is connected to your voice mailbox, an alert tone is sent. The Live Call Screening indicator light flashes green rapidly when a caller is connected to your voice mailbox. (When using a single line telephone, which is connected to a proprietary telephone in parallel, the single line telephone will ring.)

Stopping the alert tone
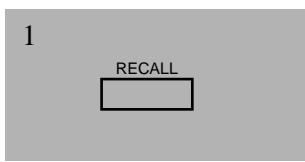
1

RECALL

1. Press the **RECALL** button or the **Live Call Screening Cancel** button.
   - The Live Call Screening indicator light turns steady red from flashing green rapidly.
   - The alert tone stops.

Monitoring the message recording

1

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, the flashing **Live Call Screening** button or **INTERCOM** button. (When using a single line telephone, which is connected to a proprietary telephone in parallel, only the handset is available).
   - The Live Call Screening indicator light flashes green slowly.
   - To stop monitoring, lift the **handset**. The **RECALL** button or the **Live Call Screening Cancel** button can be also used to stop monitoring. The Live Call Screening indicator light turns steady red from flashing green slowly.

Having a conversation with the party

1

2

LCS
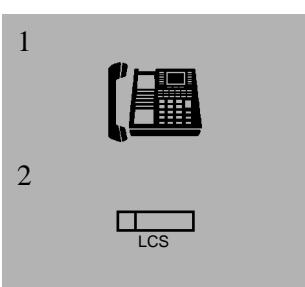
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the flashing **Live Call Screening** button. (When using a single line telephone, which is connected to a proprietary telephone in parallel, flash the **hookswitch** instead.)
   - The Live Call Screening indicator light turns steady red from green flashing slowly.
   - In the Keep Record mode, the Two-Way Record indicator light turns on.

While having a conversation with another party:

When the extension user is having a conversation, a call waiting tone is sent. The Live Call Screening indicator light flashes green rapidly.

- If you want to terminate the current call
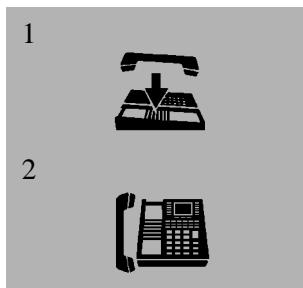
Monitoring

1. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - An alert tone is sent.

2. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - Monitoring begins.

Having a conversation with the party

1. Press the flashing **Live Call Screening** button.
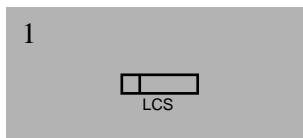
- If you want to hold the current call
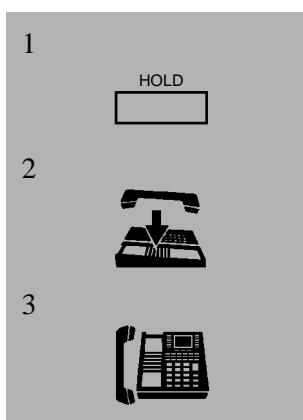
Monitoring

1. Press the **HOLD** button.

2. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - An alert tone is sent.

3. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - Monitoring begins.

Having a conversation with the party
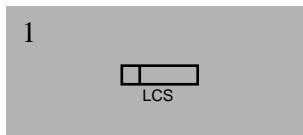
1. Press the flashing **Live Call Screening** button.

Conditions

- A flexible CO and DSS button can be assigned as a Live Call Screening button.
- The Live Call Screening indicator shows the feature status as below;

    Red steadily......................Live Call Screening mode is on.

    Off ....Live Call Screening mode is off.

    Flashing green slowly ......Live Call Screening is active.**

    Flashing green rapidly......An alert tone is ringing in the Private mode.**

    ** The DSS button indicator lights steady red while the Live Call Screening is active.

- The Two-Way Record indicator shows the feature status as below;

    On....................................Recording the conversation.

    Off ....Not recording.

- The operator can clear the password at any extension in Station Programming.
- In the Keep Record mode, if you want to stop recording the conversation, press the Two-Way Recording button.

Programming References

- Station Programming (Section 2)

    Flexible Button Assignment — Live Call Screening Button, Live Call Screening Cancel
    Button, Two-Way Record Button

    (System Programming — [005] can be used for this assignment.)

    Live Call Screening Mode Setting

- System Programming — Installation Manual Addendum

    [617] Live Call Screening Recording Mode Assignment

Feature References

Live Call Screening Password Control (4.3/Operator Service Features)

Log-In / Log-Out

Allows you to assign the Log-In mode or Log-Out mode within the hunting or UCD (Uniform Call Distribution) group. When in the Log-Out mode, you can leave the group temporarily, preventing hunting calls from being sent to your extension. The lighting patterns of the Log-In / Log-Out button and status are as follows.

    Off : Log-In mode

    Red : Log-Out mode

    Flashing red moderately : Calls in an UCD queue

Log-In / Log-Out (Using the Log-In / Log-Out button)
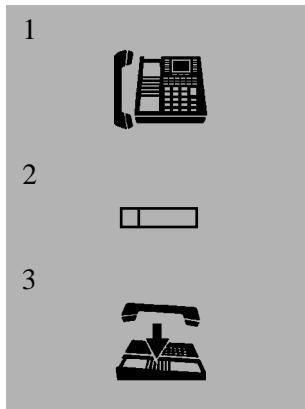
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **flexible button** which is assigned as the **Log-In / Log-Out** button.
   - You hear a confirmation tone and then a dial tone.
   - The indicator light turns off in Log-In mode or turns steady red in Log-Out mode.

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Log-In / Log-Out (Using the feature number)
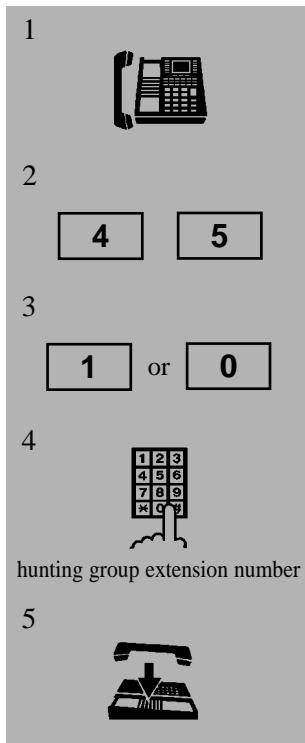
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (45).

3. Dial **1** or **0**.
   - 1 : for Log-In mode
   - 0 : for Log-Out mode

4. Dial the **hunting group extension number**.
   - You can press ✳ to select all the hunting groups.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     Log-in Grpxxxx

       or

     Log-out Grpxxxx

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

hunting group extension number

Conditions

      • The Log-In / Log-Out button can be assigned to a flexible CO button.

Programming References

      • Station Programming (Section 2)

         Flexible Button Assignment — Log-In / Log-Out Button

         (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

      Station Hunting (→ see Installation Manual)

      Uniform Call Distribution (UCD)

Night Service

This system supports both the Night and Day modes of operation. The system operation for originating and receiving calls can be different in night and day modes. Toll restriction calls can be programmed to prevent unauthorized toll calls at night. Day/Night mode can be switched manually at anytime desired. If your extension is assigned as an operator, you can perform the operation using the display.

Manual Night Service
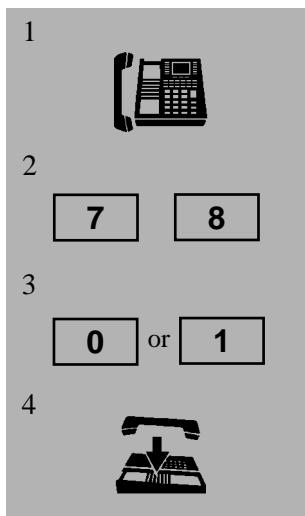
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (78).

3. Dial **0** or **1**.
   - 0 : from Night mode to Day mode
   - 1 : from Day mode to Night mode
   - You hear a confirmation tone.
   - The display shows:

   | Night Mode |

   or

   | Day Mode |

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Confirming the current mode (with a display PT only)
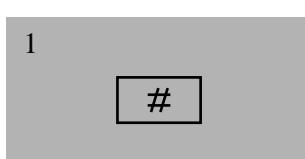
When the telephone is idle;
1. Press #.
   - The display shows the current mode for 3 seconds.

Night Button Operation

To set/cancel the night mode;
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
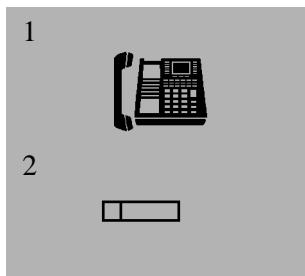
2. Press the **Night** button.
   - To set : The Night button indicator light turns on.
   - To cancel : The Night button indicator light turns off.

1
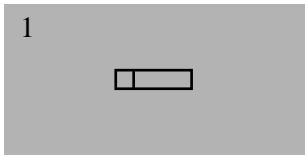
To check the current mode (with a display PT only);
1. Press the **Night** button.
   - The display shows the current mode for 3 seconds.

Conditions

- The following items have separate day and night programming:
    1) Outgoing Permitted CO Line Assignment
    2) Direct In Lines (DIL)
    3) Doorphone Ringing Assignment
    4) Intercept Routing
    5) Ringing, Delayed
    6) Toll Restriction Level
    7) Toll Restriction for System Speed Dialling
    8) Operator Assignment
- "Class of Service" programming determines the extensions that can perform this feature.
- The Day/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 5:00 p.m. for all nights of the week) if automatic switching mode is selected in System Programming.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [100] Flexible Numbering, Night service mode
    [102] Day/Night Service Starting Time
    [513] Night Service Access
    [601] Class of Service

Feature References

CO Line Connection Assignment — Outgoing ($\rightarrow$ see Installation Manual)

Direct In Lines (DIL) ($\rightarrow$ see Installation Manual)

Doorphone Call

Intercept Routing ($\rightarrow$ see Installation Manual Addendum)

Ringing, Delayed ($\rightarrow$ see Installation Manual)

System Feature Access Menu — Night Service (4.4/Special Display Features)

Toll Restriction ($\rightarrow$ see Installation Manual)

Notebook Function

Allows you to store an outside phone number in memory during a conversation with an outside party or on-hook status.

The stored number is dialled automatically with a simple operation.

Storing

1

AUTO DIAL

STORE

2

AUTO DIAL

STORE

3

1 2 3
4 5 6
7 8 9
✳ 0 #

phone number

4
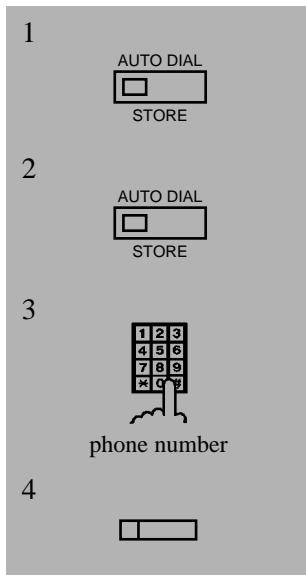
While having a conversation or in on-hook status;

1. Press the **AUTO DIAL/STORE** button.
   - The AUTO DIAL/STORE indicator light turns red.

2. Press the **AUTO DIAL/STORE** button again.
   - The AUTO DIAL/STORE indicator light flashes red.

3. Dial the desired **phone number**.

4. Press the **flexible button** which is assigned as the **SAVE** button.

Dialling

1

2
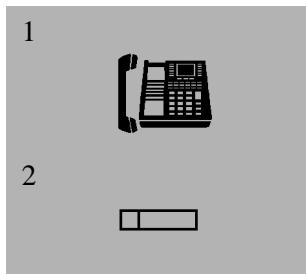
— *When you want to dial the stored number;*

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **flexible button** which is assigned as the **SAVE** button.
   - The CO indicator light turns green.

Conditions

- When you dial the stored telephone number of an outside party, you do not need to dial (9 or 81 through 88) as the leading digit.
- The same CO line is selected when redialling the number. If the line is busy, the busy tone is sent.
- The pause, if programmed, can be inserted between the CO line access number and the following phone number (Automatic Pause Insertion).
- Up to 24 digits long can be stored in the notebook function.
- "✳" and "#" are counted as one digit.

Off-Hook Call Announcement (OHCA)

Allows you to signal a busy extension that your call is waiting. Your voice is received through the built-in speaker of the called party's telephone (KX-T7235 and KX-T7436 only). The called party can connect to the two parties and carry two independent conversations.

Setting / Cancelling to receive OHCA

1

2

| 7 | 3 | 1 |

3

| 2 | or | 0 |

4
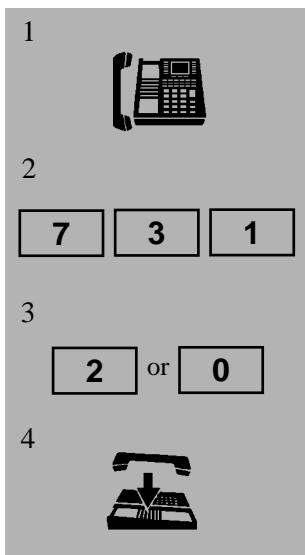
1. Lift the **handset** or press the **SP-PHONE** button.

2. Enter the **feature number** (731).

3. Dial **2** or **0**.
   - 2 : to set
   - 0 : to cancel
     • You hear a confirmation tone and then a dial tone.

4. **Hang up** or press the **SP-PHONE** button.

Soft Button Operation

Executing

1

BSS
| S 1 | | S 2 | | S 3 |

If you make an intercom call and hear a busy tone;
1. Press the **BSS** (S1) button.
   • You can talk after you hear a confirmation tone.

Standard Operation

Executing

1

| 2 |
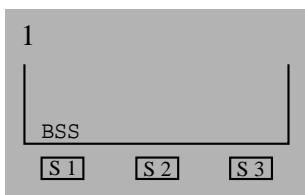
If you make an intercom call and hear a busy tone;
1. Dial **2**.
   • You can talk after you hear a confirmation tone.

To talk to the third party

If you hear two beeps and a voice announcement;

1. **Consult** with the third party by microphone.
   - The called extension display shows the calling extension's number or name for 5 seconds in 10 second intervals.
   - You can talk to two parties independently.

To talk to the third party by terminating the current call

If you hear two beeps and a voice announcement;

1. **Hang up**.
   - The current call is disconnected.
   - The INTERCOM indicator light turns green.
   - You can talk in handsfree mode.

To talk to the third party by holding the current call
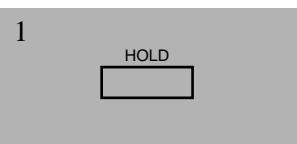
If you hear two beeps and voice announcement;

1. Press the **HOLD** button.
   - The current call is placed on hold.
   - The INTERCOM indicator light flashes green slowly.

Conditions

- Class of Service programming determines which extensions can perform this.
- This feature works when the called party is off-hook and the telephone INTERCOM button is idle.
- You can select to receive a Call Waiting tone, OHCA, Whisper OHCA or none of these at your extension.
- If the "Do Not Disturb (DND)" feature is set at the called extension, you must activate the "Do Not Disturb (DND) Override" feature before OHCA is available.

Programming References

- System Programming — Installation Manual Addendum
  [519] Off-Hook Call Announcement (OHCA)

Feature References

Busy Station Signaling (BSS)
Call Waiting
Whisper OHCA

Operator Call

Allows you to call an operator within the system. There can be up to two extensions assigned as Operator 1 and 2.

If there is only one operator or if you do not specify the operator, you should generate the General call. If you want to specify the operator, you should generate the Specific call by pressing a pre-assigned operator call number.

General call

1
2

0

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (0).

Specific call

1
2
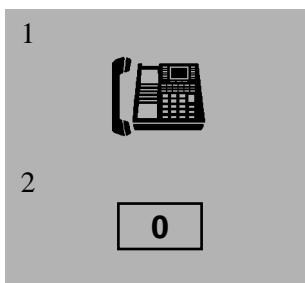
operator call number
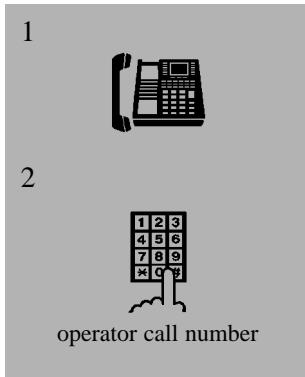
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **operator call number** for each operator.

Conditions

- If you generate the General call for two operators, Operator 2 will receive your call if Operator 1 is busy.
- If an operator is not assigned, this feature is not available; you will hear the reorder tone.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [006] Operator / Manager Extension Assignment — Day / Night
    [100] Flexible Numbering, Operator call, Operator 1 call, Operator 2 call

Paging — DENY

A page sent to the built-in speaker can be denied by any extension in the system.

Setting

1   [phone illustration]

2   [7] [2] [1]
     [1]

3   [hang up illustration]
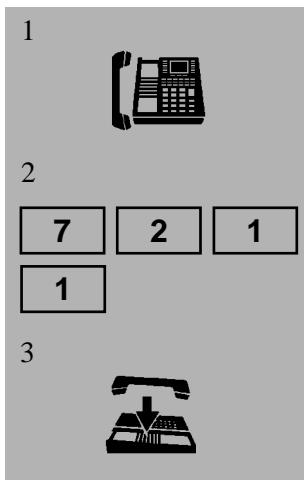
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (721) and **1**.
   • The display shows:

   | Paging Deny On |

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Cancelling

1   [phone illustration]

2   [7] [2] [1]
     [0]

3   [hang up illustration]
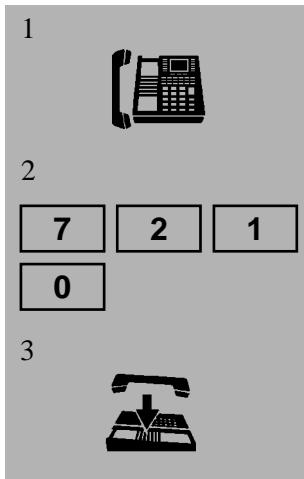
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (721) and **0**.
   • The display shows:

   | Paging Deny Off |

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Phantom Extension

Allows you to route calls to a phantom extension. The call is sent to the extensions that have the corresponding Phantom button.

A flexible CO or DSS button can be assigned as the Phantom button.

The lighting patterns of the Phantom button and status are as follows:

Off : Idle

Red : You are calling a phantom extension.

Flashing green rapidly : Incoming call

To call a phantom extension
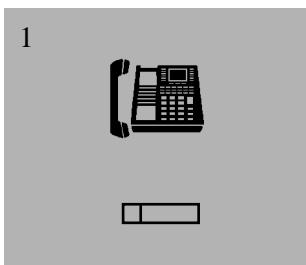
While the Phantom button indicator light is off ;

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **Phantom** button.
   • You may dial the phantom extension number instead.
   • The Phantom indicator light turns red (steady).

To transfer a call to a phantom extension
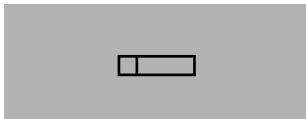
During a conversation with an outside party;

1. Press the **Phantom** button.
   • You may dial the phantom extension number after pressing the TRANSFER button instead.

To answer a phantom extension call
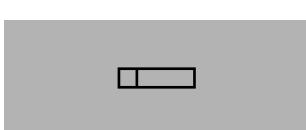
While the Phantom button indicator light is flashing green;

1. Press the **Phantom** button.

Conditions

• A phantom number must be assigned by System Programming before assigning the Phantom button by Station Programming.

• If several extensions have the same phantom extension number, they will ring simultaneously.

• A maximum of 128 phantom numbers can be assigned.

• The phantom number cannot be used for feature settings such as "Call Forwarding".

• **Phantom button on a DSS Console:**

Allows the operator to transfer a call to a phantom extension by the phantom button on the DSS Console. An incoming call cannot be received at the phantom button on the DSS Console, only the indicator turns red.

Programming References

- Station Programming (Section 2)
    Flexible Button Assignment — Phantom Button
- System Programming — Installation Manual Addendum
    [130]   Phantom Number Assignment

Predial Preparation *(KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)*

Allows you to confirm the phone number on the display before the line is connected.
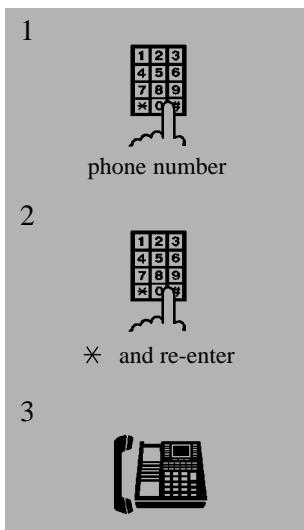
1. Dial the **phone number**.
    - The display shows the dialled telephone number.
    <Example>

912345678

If you want to change the current entry;

2. Dial ✳ and **re-enter**.
    - By pressing ✳, the number at the right-hand edge is deleted.
    <Example>

91234567
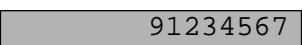
    - By pressing the RECALL button, the entire number is cleared.

3. Lift the **handset** or press the **SP-PHONE** button, or press the **CO** button.
    - The system hunts the CO line and sends the dialled number.

1
phone number

2
✳ and re-enter

3

Conditions

- Pressing CO button will cancel this feature if entered number does not have line access code (9 or 81 through 88).
- If you press "✳" or "#" as a first digit of the phone number, this feature does not work.
- This feature will be cancelled, if you do the following operation during entering the phone number.
    a) Pressing the RECALL button.
    b) Answering the incoming call (off-hook or pressing any button)
    c) Retrieving the held call (off-hook or pressing any button)

Quick Dialling

Allows you to make a quick dialling by pressing a pre-assigned quick dial number.

Dialling

1

2
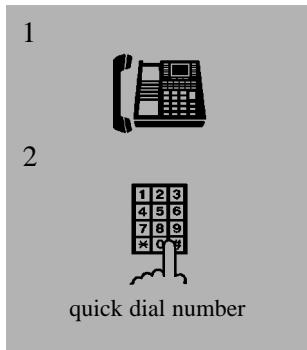
quick dial number

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **quick dial number**.

Conditions

- Up to 80 quick dial numbers can be stored by System Programming.
- You must assign a feature number first in program [104] "Quick Dial Assignment," and then a quick dial number in program [009] "Quick Dial Number Set" in order for Quick Dial to be effective.
- For example, Quick Dialling is convenient for room service calls in a hotel.

Programming References

- System Programming — Installation Manual Addendum
  - [009] Quick Dial Number Set
  - [104] Quick Dial Assignment

Station Feature Clear

Allows you to reset the following station features to the default settings.

a) Absent Message Capability

b) Automatic Callback Busy (Camp-On)

c) Background Music (BGM)

d) Call Forwarding

e) Call Pickup Deny

f) Call Waiting

g) Calling Line Identification Restriction (CLIR)

h) CO Incoming Call Information Log

i) Connected Line Identification Restriction (COLR)

j) Do Not Disturb (DND)

k) Log-In

l) Message Waiting – (All messages will be removed.)

m) Paging — DENY

n) Paralleled Telephone Connection

o) Pickup Dialling (Hot Line) – (The stored telephone number will be removed.)

p) Timed Reminder

Clearing current feature setting
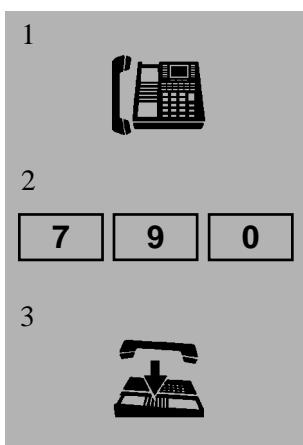
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (790).
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

   Ext Data Clear

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

System Working Report

Allows you to print the system's working state recorded in the system. Only the extensions which are assigned as the manager or operator can perform this feature.
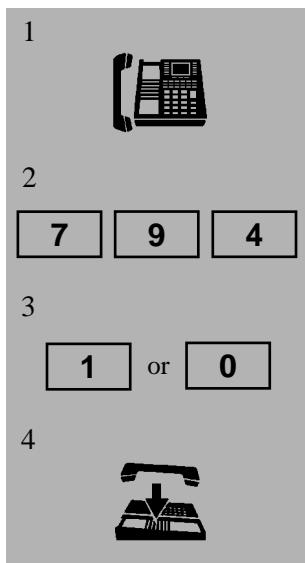
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (794).

3. Dial **1** or **0**.
   - 1 : print out the data
   - 0 : clear the data
   • You hear a confirmation tone.
   • The display shows:

   | SWR Data Dump | — (when printing out)

   | SWR Data Clear | — (when clearing)

4. Lift the **handset** or press **SP-PHONE/MONITOR** button.

Conditions

• You must connect the printer to the system when you print out the data.

Programming References

• System Programming — Installation Manual
   [806]–[807] EIA (RS-232C) parameters — Port 1/Port 2

Feature References

System Working Report (→ see Installation Manual Addendum)

T

Terminate

Allows you to terminate the current outside call and make another call without hanging up.

Standard Operation
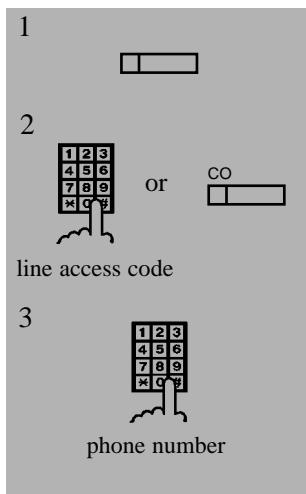
While hearing any tone, dialling, or talking;

1. Press the **flexible button** which is assigned as the **Terminate** button.
   - You hear an internal dial tone.

2. Dial the **line access code** (9 or 81 through 88), or press a **CO** button.

3. Dial the **phone number**.

Conditions

- When you dial the telephone number of an outside party, you must dial the line access code (9 or 81 through 88) as the leading digit.
- Pressing the Terminate button disconnects the conversation, and outputs an SMDR record.
- The Terminate button can be assigned to a flexible CO button.

Programming References

- Station Programming (Section 2)
  Flexible Button Assignment — Terminate Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [414] Disconnect Time

Toll Restriction Override for System Speed Dialling

Calls originated by "System Speed Dialling" are restricted depending on the extension's toll restriction level.

Programming References

- System Programming — Installation Manual Addendum
  [509]–[510] Toll Restriction Level for System Speed Dialling — Day/Night

Feature References

System Speed Dialling
Toll Restriction ($\rightarrow$ see Installation Manual)

Two-Way Recording into Voice Mail†

Allows you to record a conversation into your mailbox or a desired mailbox.

Recording into your mailbox
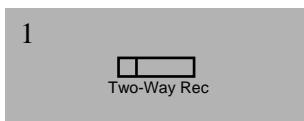
1

Two-Way Rec

While having a conversation;

1. Press the **Two-Way Record** button.
    *   The Two-Way Record indicator light turns red.

Stopping recording

1

Two-Way Rec

1. Press the **Two-Way Record** button.
    *   The Two-Way Record indicator light turns off.

Recording into another mailbox
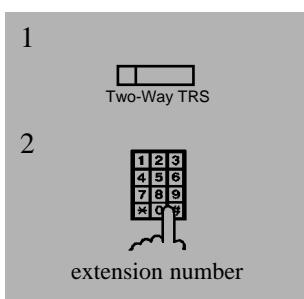
1

Two-Way TRS

2

```
123
456
789
*0#
```

extension number

While having a conversation;

1. Press the **Two-Way Transfer** button.
    *   The Two-Way Transfer indicator light turns red.

2. Enter an **extension number** or press the desired **DSS** button.
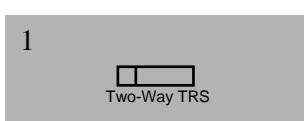
Stopping recording

1

Two-Way TRS

1. Press the **Two-Way Transfer** button.
    *   The Two-Way Transfer indicator light turns off.

Conditions

*   A flexible CO and DSS button can be assigned as the Two-Way Record button or the Two-Way Transfer button.
*   Pressing the Two-Way Record button sends an alarm tone, if an idle voice mail port is not available.
*   Pressing the Two-Way Transfer button followed by an extension number sends alarm tone, if an idle voice mail port is not available.

Programming References

*   Station Programming (Section 2)
    Flexible Button Assignment — Two-Way Record Button, Two-Way Transfer Button
    (System Programming — [005] can be used for this assignment.)

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

Uniform Call Distribution (UCD)

Allows incoming calls to be distributed uniformly to a specific group of extensions called an UCD group. Calls to an UCD group search for an idle extension in a circular way.

If all extensions in an UCD group are busy or not available, the incoming outside call will be handled by the UCD Time Table.

Conditions

- UCD can be used in the following cases.
  - a) The floating number* of UCD is assigned as the Direct In Lines (DIL) 1:1 destination.
  - b) The floating number* of UCD is assigned as the Intercept Routing destination.
  - c) The floating number* of UCD is dialled from an extension.
  - d) The floating number* of UCD is assigned as the Direct Dialling In (DDI) destination.
  - e) The floating number* of UCD is assigned as the UCD Overflow destination.
- It is possible to set the log-in or log-out status on an extension basis.

Programming References

- System Programming — Installation Manual Addendum
  - [106] Station Hunting Type
  - [139] UCD Time Table
  - [813] Floating Number Assignment

Feature References

Log-In / Log-Out

* A Floating Number (FN) is a virtual extension number which appears to be an extension. For more details, refer to the Installation Manual.

Whisper OHCA

Allows busy party notification through the handset. Only the handset will hear the notification. Only KX-T7400 series telephone users can send or receive Whisper OHCA.

Setting / Cancelling to receive Whisper OHCA
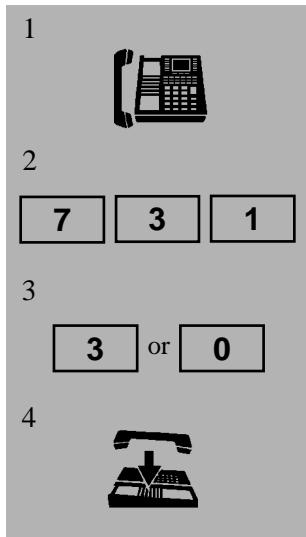
1. Lift the **handset** or press the **SP-PHONE** button.

2. Enter the **feature number** (731).

3. Enter **3** or **0**.
   - 3 : to set Whisper OHCA
   - 0 : to cancel
   - You hear a confirmation tone and then a dial tone.

4. **Hang up** or press the **SP-PHONE** button.

Soft Button Operation
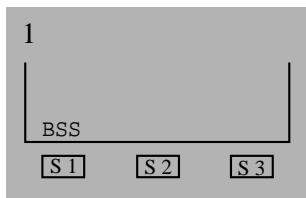
Executing

If you make an intercom call and hear a busy tone;
1. Press the **BSS** (S1) button.
   - You can talk after you hear a confirmation tone.

Standard Operation

Executing

If you make an intercom call and hear a busy tone;
1. Enter **2**.
   - You can talk after you hear a confirmation tone.

To talk to the third party by terminating the current call

If you hear two beeps and a voice announcement;
1. **Hang up**.
   - The current call is disconnected.
   - The INTERCOM indicator light turns green.

To talk to the third party by holding the current call

1
HOLD
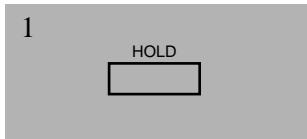
If you hear two beeps and voice announcement;

1. Press the **HOLD** button.
   - The current call is placed on hold.
   - The INTERCOM indicator light flashes green slowly.

Conditions

- Class of Service programming determines which extensions can perform Whisper OHCA.
- The Whisper OHCA receiving extension display shows the calling extension's number or name for 5 seconds in 10 second intervals.
- You can select to receive a Call Waiting tone, OHCA, Whisper OHCA or none of these at your extension.
- If the Whisper OHCA sender does not use a KX-T7400 series telephone, it will work as OHCA. If the receiver does not use a KX-T7400 series telephone, it may not work properly. (E.g. The announcement may be heard by the other party.)
- The receiving mode may shift depending on the settings on each telephone or the telephone type.
  <Example> If the user selects 3 (Whisper OHCA mode);
  – If using a KX-T7436 handset ....Whisper OHCA
  – If using a KX-T7436 SP-PHONE......................Call Waiting
  – Other..Call Waiting
- It is possible to enable the Whisper OHCA by any type of telephones by system programming. However, it may not work properly. (E.g. the announcement may be heard by the other party.)
- The Whisper OHCA sender will receive a ringback tone in the following cases.
  – If the receiver presses the TRANSFER, CONF, SP-PHONE, DSS or CO button.
  – If the party who is talking with the receiver disconnects the line or presses the TRANSFER, CONF or HOLD button.

Programming References

- System Programming — Installation Manual Addendum
  [519] Off-Hook Call Announcement (OHCA)
  [990] System Additional Information, Field (61)

Feature References

Busy Station Signaling (BSS)
Call Waiting
Off-Hook Call Announcement (OHCA)

4.3 *Operator Service Features*

The system supports up to two operators. Any extension except for ISDN telephones can be appointed as an operator. System Programming is necessary to appoint operators. The extension assigned as an operator has the ability to perform the following features:

1) Alert Indication (Operator 1 only)
2) Automatic Overflow and Hurry-Up Transfer (Operator 1 only)
3) Background Music (BGM) — External
4) CO Incoming Call Information Log Lock Clear
5) Class of Service (COS) Switch
6) Remote Station Lock Control
7) Hotel Application
8) Live Call Screening Password Control†

Conditions

• The Direct Dialing In call which is denied to receive by the extension is forwarded to the operator.

Programming References

• System Programming — Installation Manual
   [006] Operator/Manager Extension Assignment — Day / Night

Alert Indication *(KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)*

The pre-warning message is displayed on LCD of Operator 1.
You can solve and access in the following ways.

Message	Meaning	Countermeasure
System Data Err 1	The system finds the wrong system data with back up RAM. -Err 1: for master system -Err 2: for slave system	Re-assign the programming. Contact your dealer.
Check Printer	The paper of the Printer SMDR runs out or the printer is out-of-service.	Confirm the connection and the paper in the printer.
System Link Down	System inter-connection is down.	Contact your dealer.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

4.3   *Operator Service Features*

Automatic Overflow and Hurry-Up Transfer

When Operator 1 is busy and the outside call reaches Operator 1 directly, the incoming call can be held until the waiting queue is over the assigned number.* When the incoming call overflows the assigned number,* the last call will be automatically transferred to Operator 2. (Automatic Overflow)
Operator 1 can refer the waiting queue with LED indication, and transfer the first waiting call to the pre-assigned extension. (Hurry-Up Transfer)

The Hurry-Up button indicator shows as follows:
— No call in the queue : The indicator light is off.
— More than one call in the queue : The indicator light is steady red.
— More than assigned number in the queue : The indicator light is flashing red rapidly.

Executing the Hurry-Up Transfer
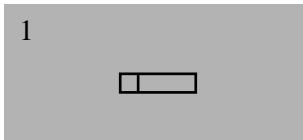
While having a conversation;
1. Press the **flexible button** which is assigned as the **Hurry-Up** button.
   • The first call in the queue will be transferred to the pre-assigned extension.

Conditions

• A flexible button can be assigned as the Hurry-Up button.
• *: the number should be assigned through System Programming.

Feature References

• Station Programming (Section 2)
   Flexible Button Assignment — Hurry-Up Button
   (System Programming — [005] (Installation Manual) can be used for this assignment.)
• System Programming — Installation Manual Addendum
   [129] Operator Queue

Class of Service (COS) Switch

The operator can assign primary and secondary status to the extensions   through the COS switch. As KX-T7436, KX-T7433 and KX-T7235 have "Display Operation", refer to "4.4 Special Display, System Feature Access Menu".

Primary switch
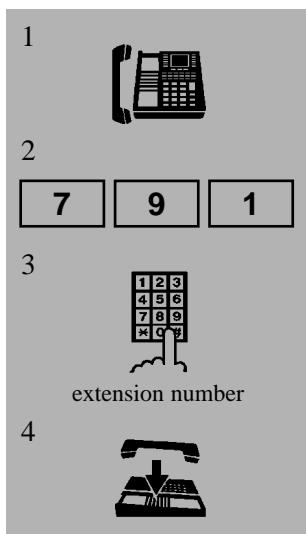
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (791).

3. Dial the **extension number**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     | xxxx : Primary | — (xxxx : extension number)

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Secondary switch
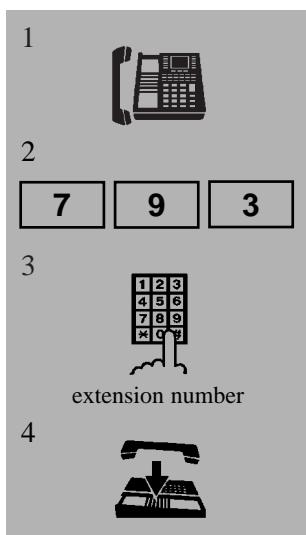
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (793).

3. Dial the **extension number**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     | xxxx : Secondary | — (xxxx : extension number)

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Programming References

- System Programming — Installation Manual
  - [601] Class of Service
  - [991] COS Additional Information

CO Incoming Call Information Log Lock Clear
(KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)

The operator can clear the "CO Incoming Call Information Log Lock" feature on any extension.
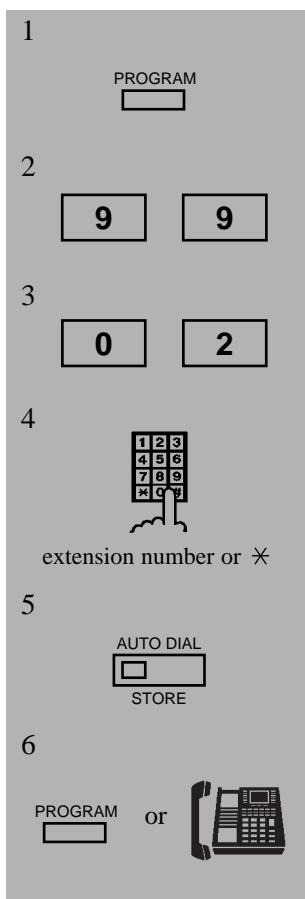
Programming

1

PROGRAM

2

| 9 | 9 |

3

| 0 | 2 |

4

extension number or ✳

5

AUTO DIAL
STORE

6

PROGRAM or

1. Press the **PROGRAM** button.

2. Dial **99**.
   - You enter into the Station Programming mode.
   - The display shows:

     PT-PGM Mode

3. Dial **02**.

4. Dial the **extension number** or ✳.
   - extension number : to clear one extension
   - ✳ : to clear all extensions

5. Press the **STORE** button.
   - The STORE indicator light turns on.

6. Press the **PROGRAM** button or lift the **handset** to exit from the Station Programming mode.

Feature References

CO Incoming Call Information Log Lock

4.3 *Operator Service Features*

Remote Station Lock Control

The operator can set or clear the "Electronic Station Lockout" feature on any extension.

Programming

1. Press the **PROGRAM** button.

2. Dial **99**.
   • You enter into the Station Programming mode.
   • The display shows:

   | PT-PGM Mode |

3. Dial **01**.

4. Dial the **extension number** or ✱.
   –extension number : to lock or unlock one extension
   –   ✱   : to lock or unlock all extensions

5. Dial **1** or **2**.
   - 1 : to unlock
   - 2 : to lock
     • The display shows:
     <Example> If you dial extension number 1234 and then dial 2.

   | EXT1234: Lock |

6. Press the **STORE** button.
   • The STORE indicator light turns on.

7. Press the **PROGRAM** button or lift the **handset** to exit from the Station Programming mode.

Conditions

• This feature supersedes the "Electronic Station Lockout" feature. If "Electronic Station Lockout" has already been set by the extension user and this feature is set, the extension user cannot cancel the lock. Only the operator can cancel the lock.

Feature References

Electronic Station Lockout

Hotel Application (KX-T7436 / KX-T7235 only)

Allows the operator to handle the front/operator services such as check-in/check-out, timed reminder (wake-up call) with the KX-T7436 or KX-T7235. It is required to enable the hotel application by System Programming.

Check-In / Check-Out

The check-in mode activates the change to primary COS and also clears the charge counter automatically. The check-out mode activates the change to secondary COS and also prints out the charge counter, minibar and other expenses. While in the check-in mode, the DSS button indicates the check-in room in stead of BLF.

Display Operation (— for KX-T7436 / KX-T7235 only)

Check-In
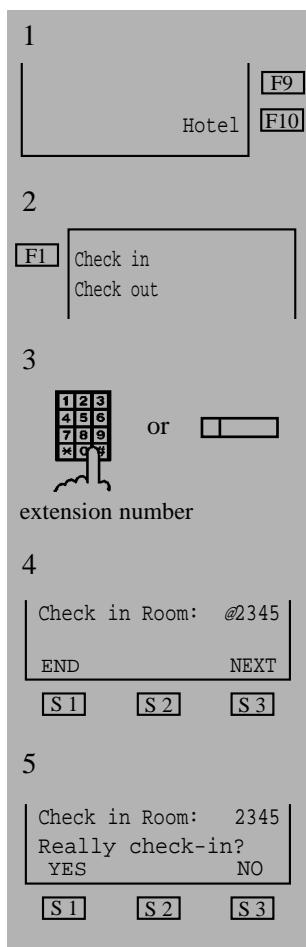
1. Press the **Hotel** (F10) button.

2. Press the **Check-In** (F1) button.
   • DSS indicator in check-in mode turns red.

3. Dial the **extension number** or press the **DSS** button that you want to check-in.

4. Press the **NEXT** (S3) button.
   • If the extension number is already in check-in mode, this will be cancelled.
   • If you want to exit, press END (S1) button.

5. Press the **YES** (S1) button or **NO** (S3) button.
   – YES : The check-in extension's charge counter is cleared and the primary COS is activated. The display returns to the initial display.
   – NO : The display returns to step 2.
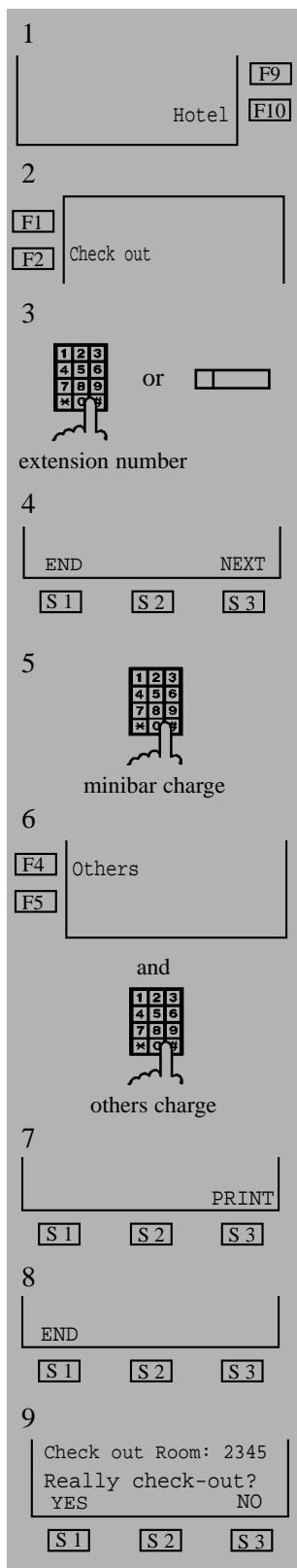
Check-Out

1. Press the **Hotel** (F10) button.

2. Press the **Check-Out** (F2) button.
   • DSS indicator in check-out mode turns red.

3. Dial the **extension number** or press the **DSS** button that you want to check-out.

4. Press the **NEXT** (S3) button.
   • The display shows the charge.

```
F1    Check out Room: 2345    F6
F2    Telephone     00100.40  F7
F3    Minibar       00000.00  F8    (0 : is blinking)
F4    Others        00000.00  F9
F5                            F10

         END    PREV    PRINT
         S1     S2      S3
```

   • If you want to exit, press END (S1) button.

If you want to charge the minibar;
5. Enter the **minibar charge**.

If you want to charge Other expenses;
6. Press the **Others** (F4) button and enter the **others charge**.

If you want to change the charge;
   • Press the appropriate button {(F2) through (F4)} and enter the charge.

If you want to print out the charge;
7. Press the **PRINT** (S3) button.

8. Press the **END** (S1) button.

9. Press the **YES** (S1) button or **NO** (S3) button.
   – YES : The check-in extension's charge counter is left alone and the secondary COS is activated. The display returns to the initial display.
   – NO : The display returns to step 2.

Data similar to below is printed out.

```
Check in   : 30.Jan.99 17:30
Check out : 31.Jan.99 00:15
Room      : 201

    Telephone                    11.22 (Tax      0.0%=      0.0)
    Minibar                   44000.33 (Tax      0.0%=      0.0)
    Others                       55.00 (Tax      0.0%=      0.0)
    -------------------------------------------------------
    Total                    $44066.55 (Tax      Total=     0.0)
```

Conditions

- You must assign the Hotel Application feature through System Programming.
- While an extension is in check-in mode, you cannot enter check-in mode again on the same extension.
- The LCD displays the telephone including the margin. You can enter the margin through System Programming.
- The entered Minibar charge and Others charge do not remain in the system after completing check-out.
- A new page will be ready after each printout.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
  - [010] Budget Management
  - [011] Charge Margin and Tax Rate
  - [123] Hotel Application
  - [990] System Additional Information, Field (33)

Timed Reminder, Notification for Unanswered Extension (— KX-T7436 / KX-T7235 only)

If the guest does not answer the wake-up call, the Alert indicator will flash. Pressing the Alert button informs you which extension did not answer his/her wake-up call.

1

```
┌──────┐
│      │
└──────┘
```

2

```
        Room: 2345
Wake up no answer

MENU    CLR     NEXT
[S 1]   [S 2]   [S 3]
```

3

```
        Room: 2345
Wake up no answer

MENU    CLR     NEXT
[S 1]   [S 2]   [S 3]
```

4

```
        Room: 2345
Wake up no answer

MENU    CLR     NEXT
[S 1]   [S 2]   [S 3]
```
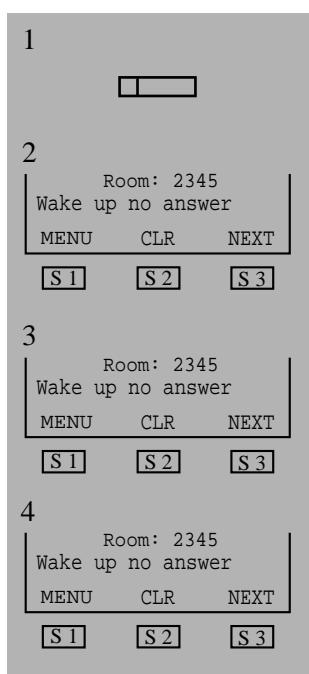
1. Press the **flexible button** assigned as the **Alert** button.

If you want to clear the notification;
   2. Press the **CLR** (S2) button.

If you want to go to the next unanswered extension;
   3. Press the **NEXT** (S3) button.

If you want to exit;
   4. Press the **MENU** (S1) button.

Programming References

• Station Programming (Section 2)

Flexible Button Assignment — Alert Button

(System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Hotel Application — Timed Reminder, Remote (Wake-Up Call)

Timed Reminder, Remote (Wake-Up Call)

The operator can remotely set or cancel the Timed Reminder of the desired extension.

Display Operation (— KX-T7436 / KX-T7235 only)

Setting
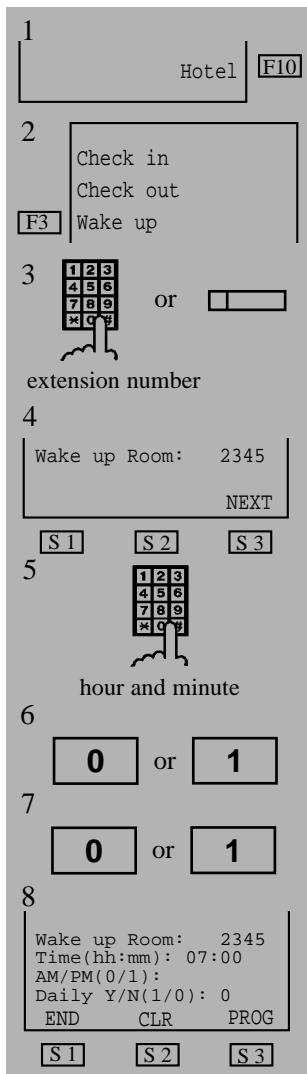
1
```
                    Hotel   F10
```

2
```
Check in
Check out
F3   Wake up
```

3

or ▭

extension number

4
```
Wake up Room:    2345

                      NEXT
```
S1   S2   S3

5

hour and minute

6
0 or **1**

7
0 or **1**

8
```
Wake up Room:   2345
Time(hh:mm): 07:00
AM/PM(0/1):
Daily Y/N(1/0): 0
 END     CLR      PROG
```
S1   S2   S3

1. Press the **Hotel** (F10) button.

2. Press the **Wake up** (F3) button.

3. Dial the **extension number** or press the desired **DSS** button to set the wake-up reminder.
   • If you want to exit, press the END (S1) button.

4. Press the **NEXT** (S3) button.
   • If the wake-up reminder is already set, the current time is displayed. If not, the time is blank.

5. Enter the **hour** (01 through 12) and **minute** (00 through 59).

6. Dial **0** to enter AM, or **1** to enter PM.

7. Dial **0** for one time alarm setting,[1] or dial **1** for a daily alarm setting.[2]
   • You hear a confirmation tone.
   [1] You hear an alarm ringing at the preset time and then the setting is cleared.
   [2] You hear an alarm ringing at the preset time every day until the setting is changed or cancelled.

8. Press the **PROG** (S3) button.
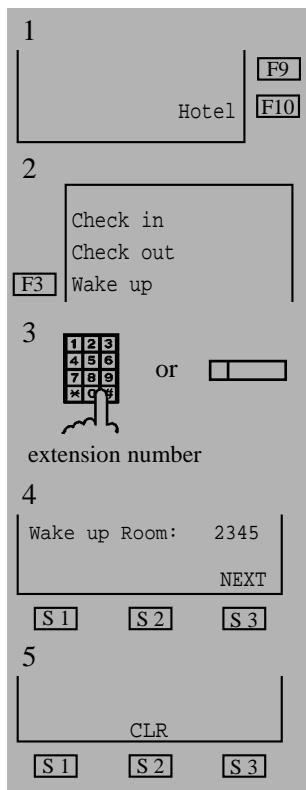
Cancelling

```
1
                          F9
              Hotel      F10
2
    Check in
    Check out
F3  Wake up
3
    123
    456        or    [      ]
    789
    *0#
    ~
  extension number
4
 Wake up Room:    2345
                      NEXT
  S 1      S 2      S 3
5

           CLR
  S 1      S 2      S 3
```

1. Press the **Hotel** (F10) button.

2. Press the **Wake up** (F3) button.

3. Dial the **extension number** or press the **DSS** button.

4. Press the **NEXT** (S3) button.

5. Press the **CLR** (S2) button.

Checking the setting time
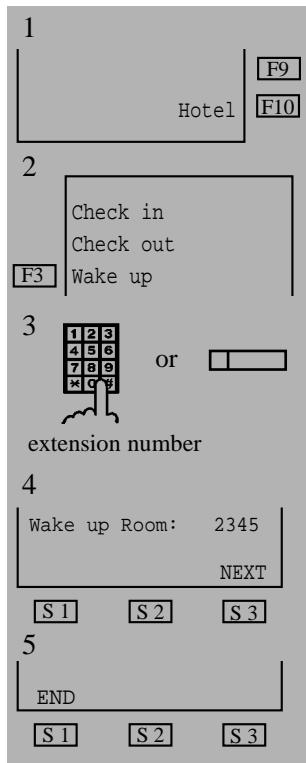
```
1
                          F9
              Hotel      F10
2
    Check in
    Check out
F3  Wake up
3
    123
    456        or    [      ]
    789
    *0#
    ~
  extension number
4
 Wake up Room:    2345
                      NEXT
  S 1      S 2      S 3
5
 END
  S 1      S 2      S 3
```

1. Press the **Hotel** (F10) button.

2. Press the **Wake up** (F3) button.

3. Dial the **extension number** or press the **DSS** button.

4. Press the **NEXT** (S3) button.
   • The setting time is displayed.

5. Press the **END** (S1) button.

Standard Operation

Setting

1

2

| 7 | ✳ | 1 |

3

or ▭

extension number

4

hour and minute

5

| 0 | or | 1 |

6

| 0 | or | 1 |

7
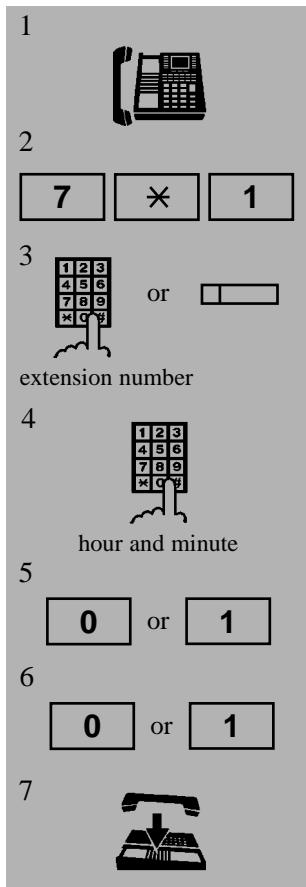
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (7✳) and **1**.

3. Dial the desired **extension number** or **DSS** button.

4. Enter the **hour** (01 through 12) and the **minute** (00 through 59).

5. Dial **0** to enter AM, or **1** to enter PM.

6. Dial **0** for one time alarm setting,*[1] or dial **1** for daily alarm setting.*[2]
   • You hear a confirmation tone.
   *[1] You hear an alarm ringing at the preset time and then the setting is cleared.
   *[2] You hear an alarm ringing at the preset time every day until the setting is changed or cancelled.

7. **Hang up** or press the **SP-PHONE/MONITOR** button.

Cancelling

1

2

| 7 | ✳ | 0 |

3

or ▭

extension number

4
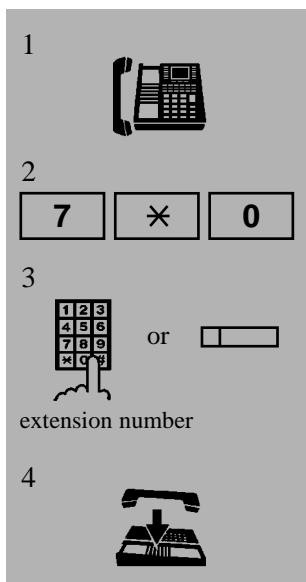
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (7✳) and **0**.

3. Dial the desired **extension number** or **DSS** button on which you have set the Timed Reminder.
   • You hear a confirmation tone and then a dial tone.
   • The display shows:

   Alarm Cancelled

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Checking the setting time (with a display PT only)

1

2

| 7 | � | 2 |

3

or

extension number

4
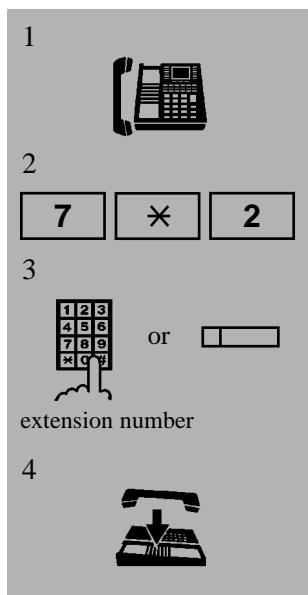
1. Lift the **handset** or press the **SP-PHONE** button.

2. Dial the **feature number** (7✳) and **2**.

3. Dial the desired **extension number** or **DSS** button on which you have set the Timed Reminder.
   <Example>
   If "10:10" has been set, the display shows:

   | Alarm   10:10AM | — only one time |

      or

   | Alarm   10:10AM✳ | — everyday |

4. **Hang up** or press the **SP-PHONE** button.

Conditions

• The system clock must be set beforehand.

Programming References

• System Programming — Installation Manual
   [100] Flexible Numbering, Timed Reminder, Remote

Feature References

Timed Reminder

4.3 *Operator Service Features*

Live Call Screening Password Control†

The operator can clear the password of Live Call Screening on any extension. If you forget the pre-set password, you may ask the operator to clear the password for you.
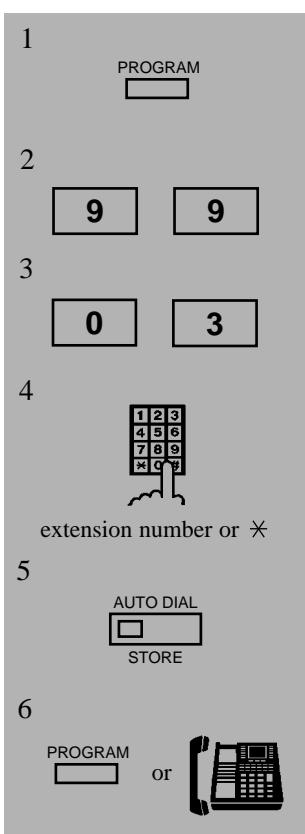
1. Press the **PROGRAM** button.

2. Dial **99**.
   - You enter into the Station Programming mode.
   - The display shows:

   | PT-PGM Mode |

3. Dial **03**.

4. Dial the **extension number** or ✳.
   –extension number : to clear the password of the extension
   –   ✳   : to clear the password of all extensions
   - The display shows:
   <Example>

   | EXT1234:Cancel? |

5. Press the **STORE** button.
   - The STORE indicator light turns on.

6. Press the **PROGRAM** button or lift the **handset** to exit the Station Programming mode.

Feature References

Live Call Screening (LCS)

Outgoing Message (OGM)

The operator can record or play back outgoing voice messages. There are two types of outgoing messages that can be recorded.

UCD message:

If assigned in the UCD table, this message is played when all extensions in an UCD group are busy or not available. There are four different UCD messages.

Timed Reminder message:

This is played when answering the Timed Reminder alarm (often used as a wake-up call). There is only one Timed Reminder message.

Recording a message

1   1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2

7	1	2

1
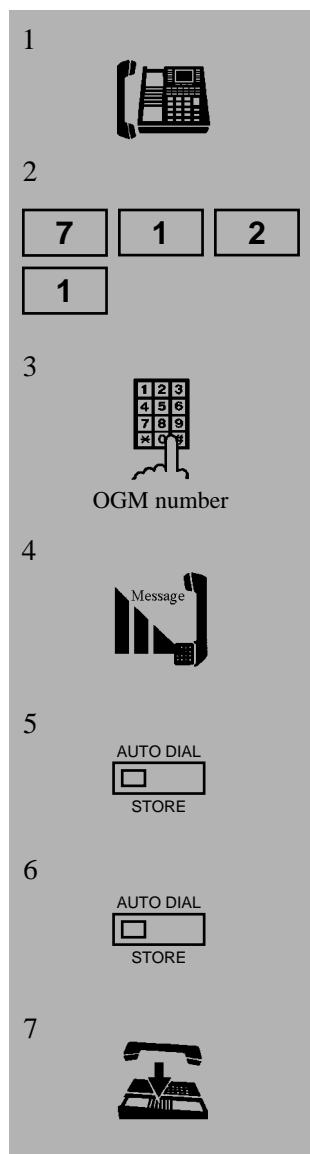
2. Dial the **feature number** (712) and **1**.

3

OGM number

3. Dial the **OGM number** (1 through 4).
   - The display shows:

OGM 2   Rec.:00

     Time counter (seconds)

     OGM number selected
     (1 through 4)
   - The STORE indicator light flashes red slowly; recording starts after the confirmation tone.

4

Message

4. Record the **message**.

5

AUTO DIAL
□
STORE

5. Press the **STORE** button to stop recording or record for the preset recording duration.
   - The STORE indicator light turns steady red.
   - You hear a confirmation tone; the recorded message will be played back automatically.
   - The display shows:
     <Example>

OGM 2   Play:10

6

AUTO DIAL
□
STORE

6. Press the **STORE** button or wait until playback is finished.
   - The STORE indicator light turns off.
   - You hear a confirmation tone and then a dial tone.

7

7. **Hang up** or press the **SP-PHONE** button.

Playing back a message

1

7 1 2

2

3

123
456
789
*0#

OGM number

4

AUTO DIAL
☐
STORE

5
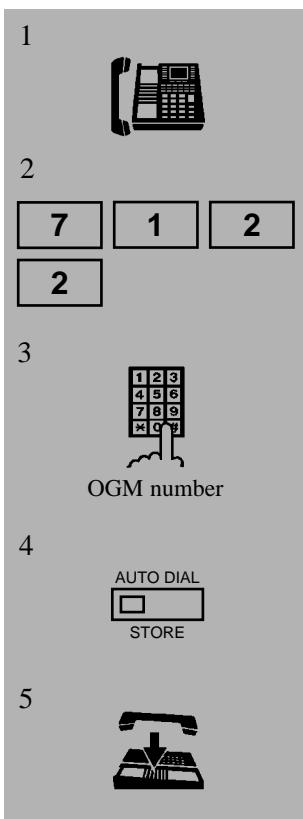
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (712) and **2**.

3. Dial the **OGM number** (1 through 4).
   - You hear a confirmation tone.
   - The STORE indicator lights.
   - The message is played back; the counter starts.
   - The display shows:
     <Example>

     OGM 1   Play:10

     Time counter (seconds)
     OGM number selected
     (1 through 4)

4. Press the **STORE** button or wait until playback is finished.
   - The STORE indicator light turns off.
   - You hear a confirmation tone and then a dial tone.

5. **Hang up** or press the **SP-PHONE/MONITOR** button.
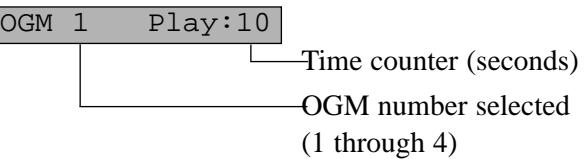
Conditions
   - You can select a maximum recording time of 0/16/32/64 seconds for each message (Outgoing Message Time). The total length must be under sixty four seconds.
   - To use the Timed Reminder message, you must select the recorded OGM number by System Programming.

Programming References
   - System Programming — Installation Manual Addendum
     [216] Outgoing Message Time
     [818] Timed Reminder Message Assignment

Feature References
   Timed Reminder
   Uniform Call Distribution (UCD)

4.4　*Special Display Features*

How to Use the Display

With display telephones, KX-T7230, KX-T7235, KX-T7433 and KX-T7436, you can easily access several features.

Display telephones have the ability to perform the following features.

Feature	KX-T7230	KX-T7235	KX-T7433	KX-T7436
Call Forwarding / Do Not Disturb*[1]		✔		✔
CO Incoming Call Information Log*[1]	✔	✔	✔	✔
CO Outgoing Call Log		✔		✔
Extension Dialling		✔	✔	✔
Hotel Application (operator only)*[2]		✔		✔
Station Speed Dialling		✔	✔	✔
System Speed Dialling		✔	✔	✔
System Feature Access Menu		✔	✔	✔

"✔" indicates the features is available.

*[1]: Please refer to the corresponding feature in Section 4.2, "DPT Features."

*[2]: Please refer to the corresponding feature in Section 4.3, "Operator Service Features."

*[1] *[2]: KX-T7433 user should follow the procedures for the KX-T7230, while KX-T7436 user should follow the procedures for the KX-T7235.

Soft Buttons and SHIFT Button

Three soft buttons are provided right below the display on display DPTs, KX-T7230, KX-T7235, KX-T7433 and KX-T7436. The functions which are assigned to the buttons are shown on the lower line of the display. Each soft button has several functions assigned. To change the functions, press the **SHIFT** button on the right side of the display.

Helpful Information about Soft Button Operation

Press **CONT** (S1) to adjust the display contrast.

Press **RING** (S2) to adjust the ringer volume.

Press **BGM** (S3) to turn on/off the BGM.

Press **MENU** (S1) to return to the initial display.

Press **PREV** (S2) to return to the previous display.

Press **NEXT** (S3) to advance to the next display.

Press **ACCNT** (S3) to enter an account code.

4.4 *Special Display Features*

Jog Dial Operation

KX-T7433 or KX-T7436 users can search for desired items by using the Jog Dial corresponding with the display menu. Rotate the Jog Dial in either direction as desired. The items will be displayed as follows.

Left
(counter-clockwise)

To the **previous**
item

Right
(clockwise)

To the **next**
item
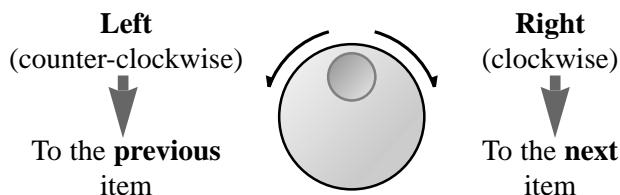
Jog Dial Operation Display

– KX-T7433

While idle, the bottom line of the display changes by pressing the SHIFT button as follows.
The Jog Dial operation is available for the third display.
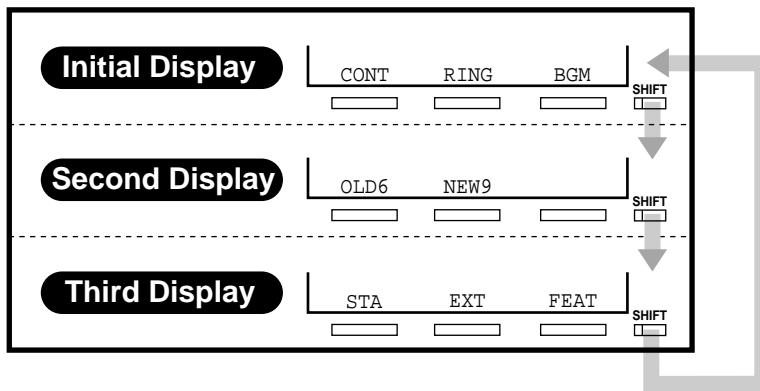
– KX-T7436

The Jog Dial operation is available after pressing a Function button on the third and fourth line and the Soft buttons in the third display. The third display appears by pressing the SHIFT button as follows.
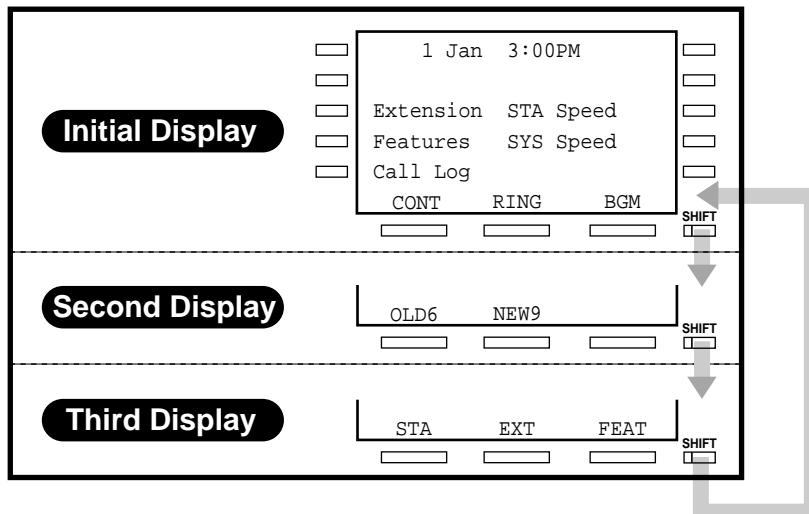
CO Outgoing Call Log (KX-T7235 / KX-T7436 only)

The last five outside calls you made are logged automatically. You can make a call using the call log.

```
┌─────────────────────────────┐
│        Initial Display       │
│  ┌───────────────────────┐  │
│  │    1 Jan   3:00PM      │  │
│  │                       │  │
│  │  Extension  STA Speed  │  │
│  │  Features   SYS Speed  │  │
│  │  Call Log             │  │
│  │    CONT     RING   BGM │  │
│  └───────────────────────┘  │
└─────────────────────────────┘
```

<Example>
To select 111

```
┌──────────────────────────┐
│  1234567890              │
│  111                     │
│  0987654                 │
│  000111222333            │
│  100200300400500         │
│    MENU     CLR          │
└──────────────────────────┘
```
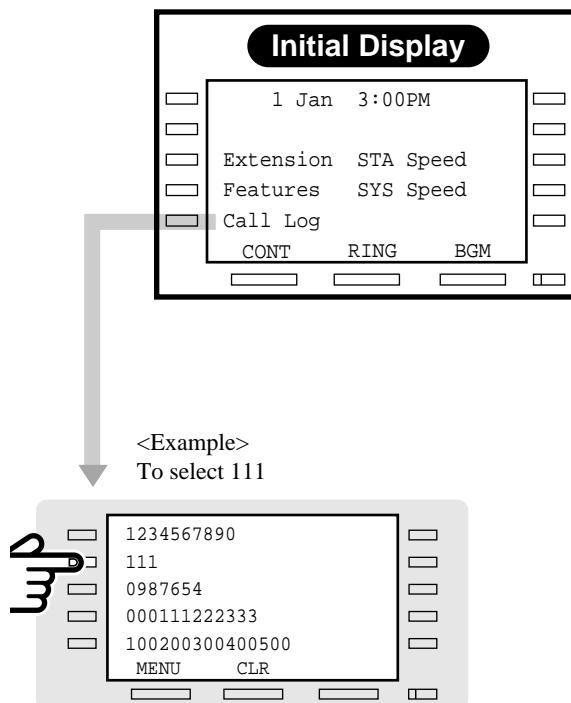
Making a call using the call log

1. Press the **Call Log** (F5) button.
2. Press the **Function** button which is next to the desired number.

Note

- To delete all numbers, press the CLR (S2) button.
- To return to the initial display, press the MENU (S1) button.

4.4 *Special Display Features*

Extension Dialling *(KX-T7235 / KX-T7433 / KX-T7436 only)*

You can make an intercom call using the directory. Only items which have a name assigned are displayed in alphabetical order.

■ **KX-T7235**

```
       Initial Display

          1 Jan  3:00PM

       Extension  STA Speed
       Features   SYS Speed
       Call Log
          CONT   RING    BGM
```

<Example>
To select Beth

```
   AB                    KL
   C                     MN
   DE                   OPQR
   FG                     S
   HIJ                  T-Z
        MENU
```

```
   Adam        Bob
   Alice       Carol
   Ann Parker  Casey
   Ben Johns   Ched Ely
   Beth        Chris
        MENU   PREV   NEXT
```
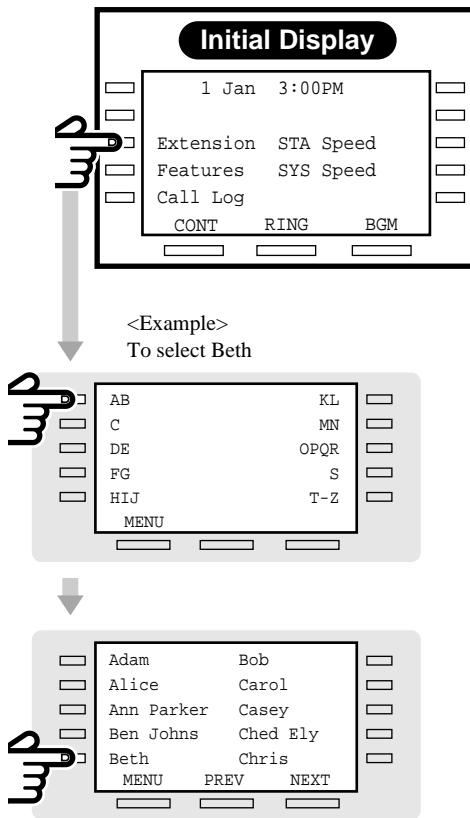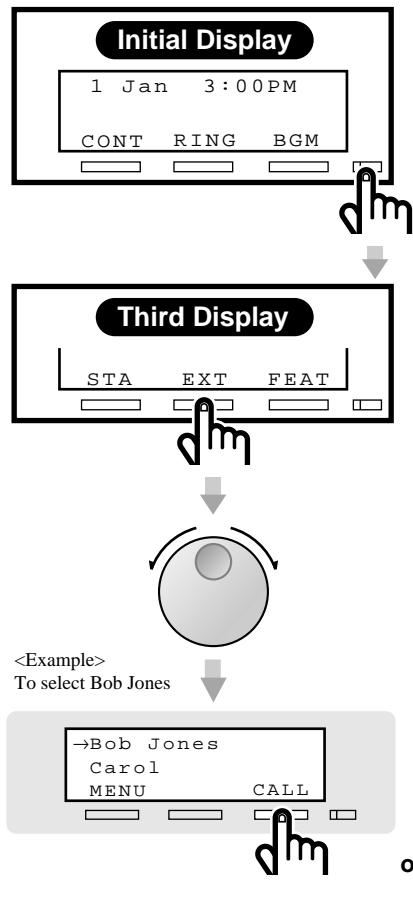
1. Press the **Extension** (F3) button.
2. Press the **Function** button which is next to the desired letter.
3. Press the **Function** button which is next to the desired name.

■ **KX-T7433**

```
       Initial Display

        1 Jan   3:00PM

        CONT   RING   BGM
```

```
        Third Display


        STA    EXT   FEAT
```

<Example>
To select Bob Jones

```
      →Bob Jones
       Carol
       MENU        CALL
```

or

1. Press the **SHIFT** button repeatedly until the Jog Dial operation display appears.
2. Press the **EXT** (S2) button.
3. Rotate the **Jog Dial** until the desired name is at the arrow.
4. Press the **CALL** (S3) button or **go off-hook**.
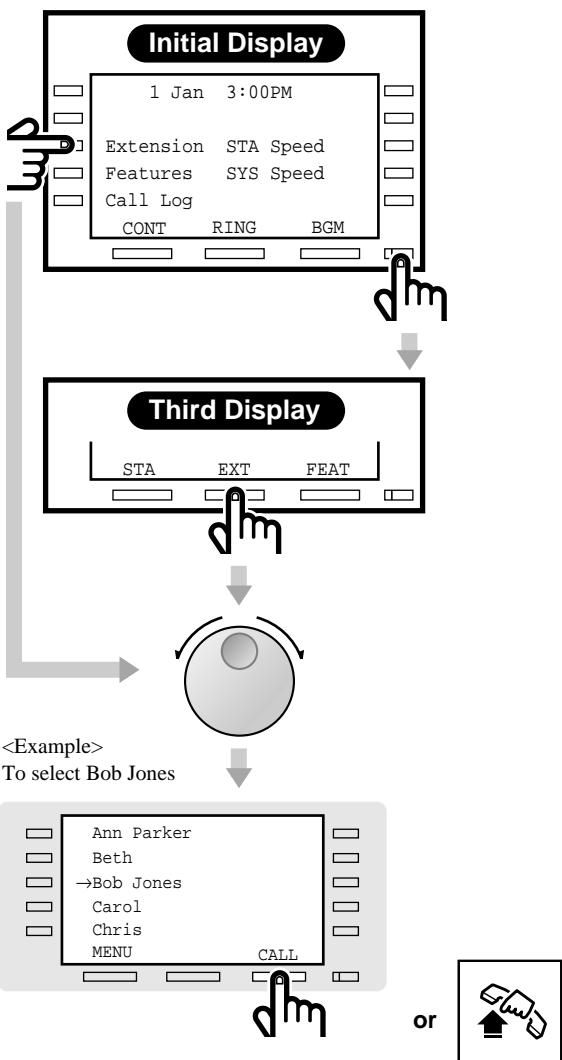
4.4 *Special Display Features*

■ KX-T7436

Initial Display

```
  1 Jan  3:00PM


Extension  STA Speed
Features   SYS Speed
Call Log
   CONT    RING    BGM
```

Third Display

```
 STA     EXT    FEAT
```

<Example>
To select Bob Jones

```
  Ann Parker
  Beth
→Bob Jones
  Carol
  Chris
  MENU          CALL
```

or

1. Press the **Extension** (F3) button or the **EXT** (S2) button.
   (The S2 button can be changed to "EXT" by pressing the SHIFT button repeatedly.)
2. Rotate the **Jog Dial** until the desired name is at the arrow.
3. Press the **CALL** (S3) button or **go off-hook**.

Conditions

- Before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.
  <Example> Press 2 two times to display "B" items.
- The KX-T7436 user can press the Function button (F1 through F10) on the same line of the desired item instead of the CALL (S3) button.

Programming References

- User Programming (Section 3) /
  System Programming (Installation Manual)
  - [003] Extension Number Set
  - [004] Extension Name Set

Station Speed Dialling (KX-T7235 / KX-T7433 / KX-T7436 only)

You can make a call to a party stored in your telephone.

For the KX-T7235, you can switch the name and number display by pressing the NEXT button.

For the KX-T7433 and KX-T7436, items which have a name assigned are displayed by priority in stored order. If a name is not assigned, the number is displayed. The displaying mode, name or number, can be assigned in System Programming.

■ KX-T7235

Initial Display

```
        1 Jan  3:00PM

Extension   STA Speed
Features    SYS Speed
Call Log
    CONT    RING    BGM
```

<Example>
To select Panasonic

```
  Bob          KME-soft
  Jim Kopp     Panasonic
  Ronald       Police
  Zangril      Louisa
  Nancy        Home
    MENU            NEXT
```

NEXT

```
  9-123-4567   9-987-6543
  9111111      9-5555555
  93333333     9-999
  97777777     9-4444444
  10           9-1000001
    MENU            NEXT
```
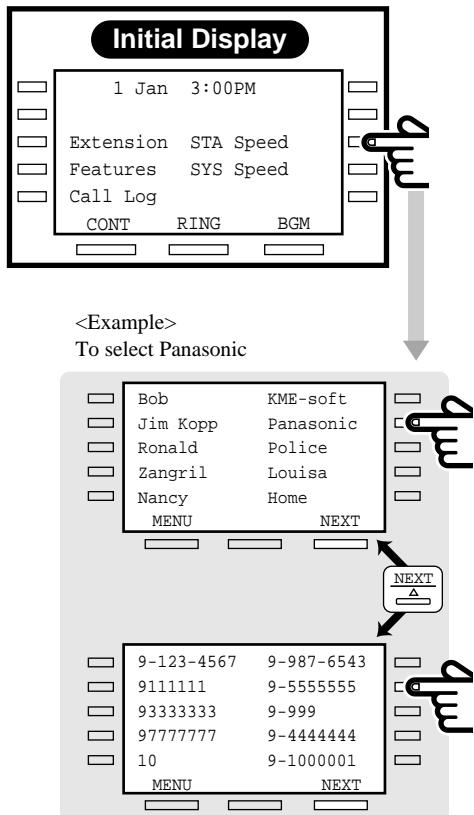
1. Press the **STA Speed** (F8) button.
2. Press the **Function** button which is next to the desired name or number. To alternate the display between name and number, press the **NEXT** (S3) button.

■ KX-T7433
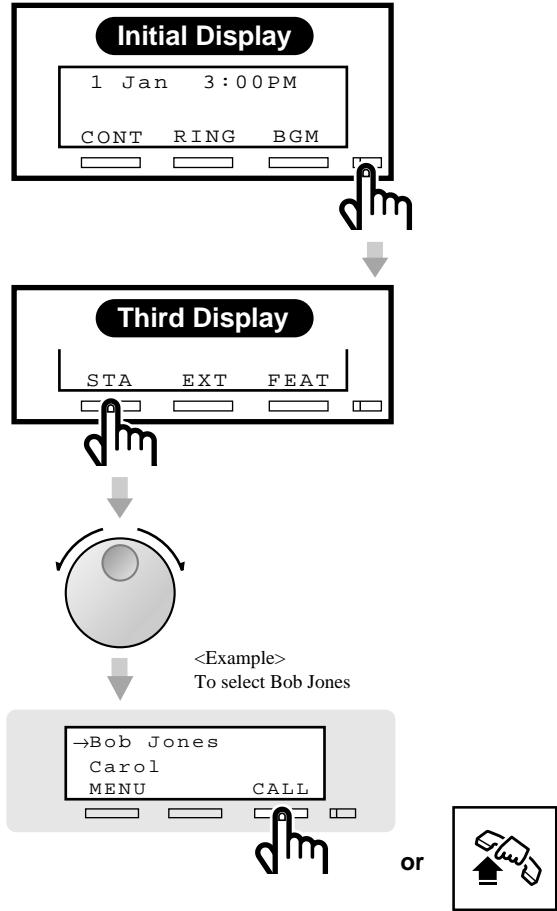
Initial Display

```
 1 Jan   3:00PM

 CONT    RING    BGM
```

Third Display

```
   STA    EXT    FEAT
```

<Example>
To select Bob Jones

```
→Bob Jones
 Carol
 MENU          CALL
```

or

1. Press the **SHIFT** button repeatedly until the Jog Dial operation display appears.
2. Press the **STA** (S1) button.
3. Rotate the **Jog Dial** until the desired name or number is at the arrow.
4. Press the **CALL** (S3) button or **go off-hook**.

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■ **KX-T7436**

Initial Display

```
    1 Jan   3:00PM


Extension   STA Speed
Features    SYS Speed
Call Log
   CONT    RING    BGM
```

Third Display

```
  STA     EXT    FEAT
```

<Example>
To select Bob Jones

```
   Ann Parker
   Beth
→Bob Jones
   Carol
   Chris
  MENU          CALL
```

or

1. Press the **STA Speed** (F8) button or the
   STA (S1) button.
   (The S1 button can be changed to "STA" by
   pressing the SHIFT button repeatedly.)
2. Rotate the **Jog Dial** until the desired name or
   number is at the arrow.
3. Press the **CALL** (S3) button or **go off-hook**.
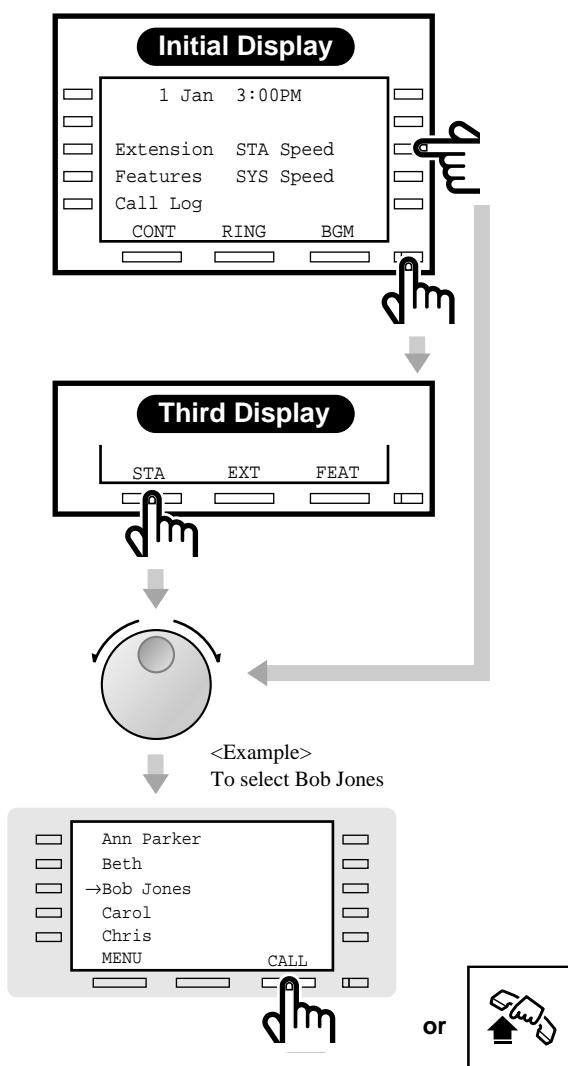
Programming References

- Station Programming (Section 2)
  Station Speed Dialling Number / Name
  Assignment (KX-T7235 / KX-T7433 / KX-
  T7436 only)
- System Programming — Installation Manual
  [990] System Additional Information,
  Field (19)

System Speed Dialling (KX-T7235 / KX-T7433 / KX-T7436 only)

You can make a call to a party stored in the system using the directory. Only items which have a name assigned are displayed in alphabetical order.

■ **KX-T7235**

Initial Display

```
        1 Jan  3:00PM


 Extension   STA Speed
 Features    SYS Speed
 Call Log
     CONT    RING     BGM
```

<Example>
To select Jack

```
  AB                KL
  C                 MN
  DE               OPQR
  FG                 S
  HIJ               T-Z
       MENU
```

```
  Harry      Jack
  Henry      Janny
  Hiroshi    Jimmy
  Isaac      John
  Ivy's shop Johes
     MENU   PREV   NEXT
```
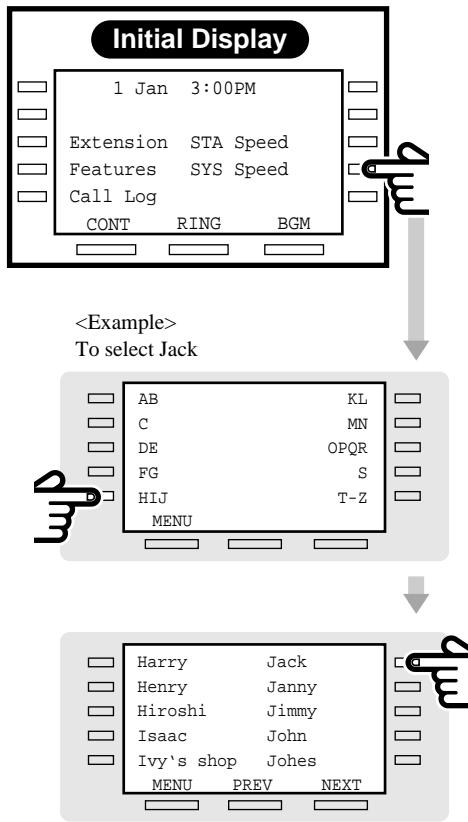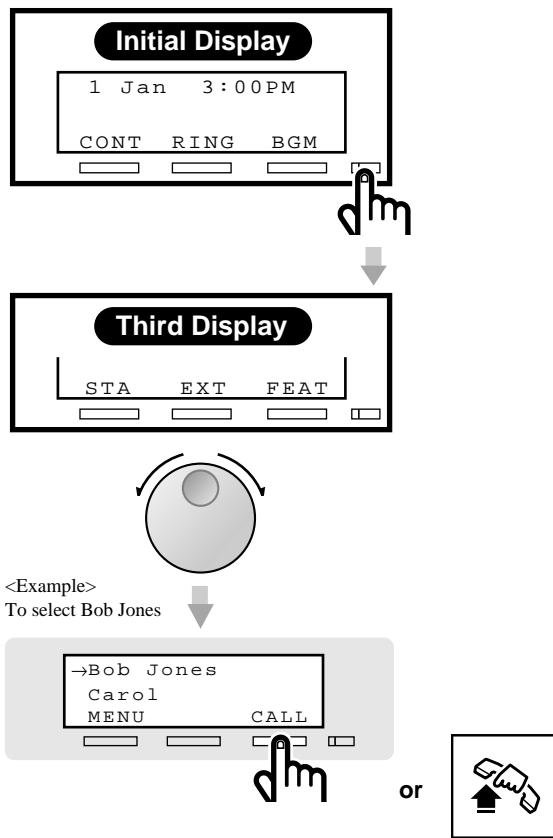
1. Press the **SYS Speed** (F9) button.
2. Press the **Function** button which is next to the desired letter.
3. Press the **Function** button which is next to the desired name.

■ **KX-T7433**

Initial Display

```
 1 Jan   3:00PM

 CONT   RING   BGM
```

Third Display

```
 STA    EXT    FEAT
```

<Example>
To select Bob Jones

```
→Bob Jones
 Carol
 MENU          CALL
```

or

1. Press the **SHIFT** button repeatedly until the Jog Dial operation display appears.
2. Rotate the **Jog Dial** until the desired name is at the arrow.
3. Press the **CALL** (S3) button or **go off-hook**.

4.4   *Special Display Features*

■ **KX-T7436**

Initial Display

```
       1 Jan   3:00PM


   Extension   STA Speed
   Features    SYS Speed
   Call Log
     CONT     RING    BGM
```

Third Display

```
     STA     EXT     FEAT
```

<Example>
To select Bob Jones

```
     Ann Parker
     Beth
  →Bob Jones
     Carol
     Chris
     MENU          CALL
```

or

1. Press the **SYS Speed** (F9) button, or press the **SHIFT** button repeatedly until the Jog Dial operation display appears.
2. Rotate the **Jog Dial** until the desired name is at the arrow.
3. Press the **CALL** (S3) button or **go off-hook**.

Conditions

- Before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter. <Example> Press 2 two times to display "B" items.
- The KX-T7436 user can press the Function button (F1 through F10) on the same line of the desired item instead of the CALL (S3) button.

Programming References
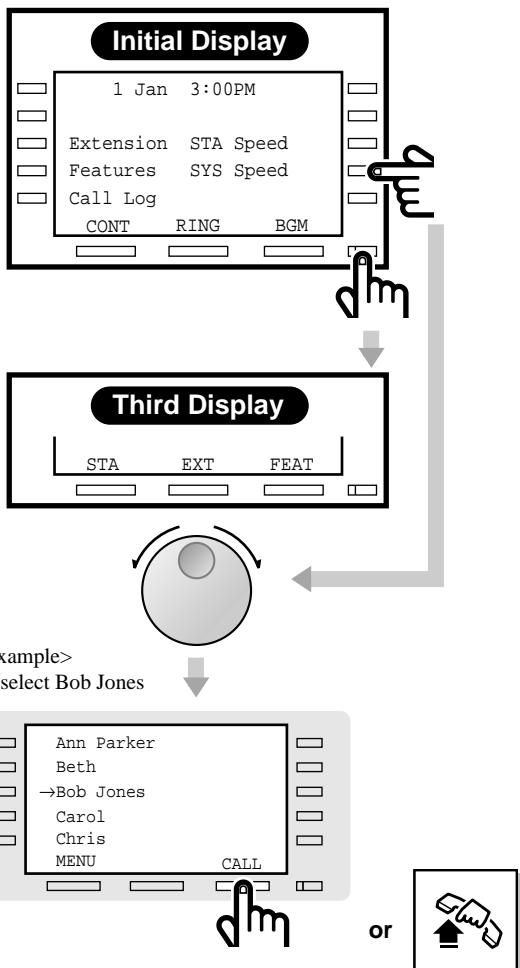
- User Programming (Section 3) /
  System Programming (Installation Manual)
  [001] System Speed Dialling Number Set
  [002] System Speed Dialling Name Set

4.4 *Special Display Features*

System Feature Access Menu *(KX-T7235 / KX-T7433 / KX-T7436 only)*

The System Feature Access Menu provides a display of the system features which appear in alphabetical order. The available features are as follows:

Absent Message Capability

Background Music — External (operator only)

Call Park

Call Pickup, Group

Class of Service (COS) Switch (operator only)

Message Waiting

Night Service On / Off (operator only)

Paging — External

Paging — Group

Paging — ANSWER

Paralleled Telephone Connection

The following shows the operating procedures with an example. Please refer to the System Feature List for feature descriptions and required parameters.

<Example>
Message Waiting: To leave a notification so that the called party may call you back

■ **KX-T7235**

Initial Display

```
    1 Jan  3:00PM


    Extension  STA Speed
    Features   SYS Speed
    Call Log
      CONT    RING    BGM
```

```
  Absent MSG Off
  Absent MSG On      (1-9)
  C.Pickup Group
  Call Park          (0-9)
  COS Primary        (ext)
    MENU    PREV    NEXT
```

```
  Extrn BGM On/Off
  Message Off        (ext)
  Message On         (ext)
  Night On/Off       (1/0)
  Page-Ext Answer    (1-4)
    MENU    PREV    NEXT
```

If a parameter is required,
the parameter will flash.
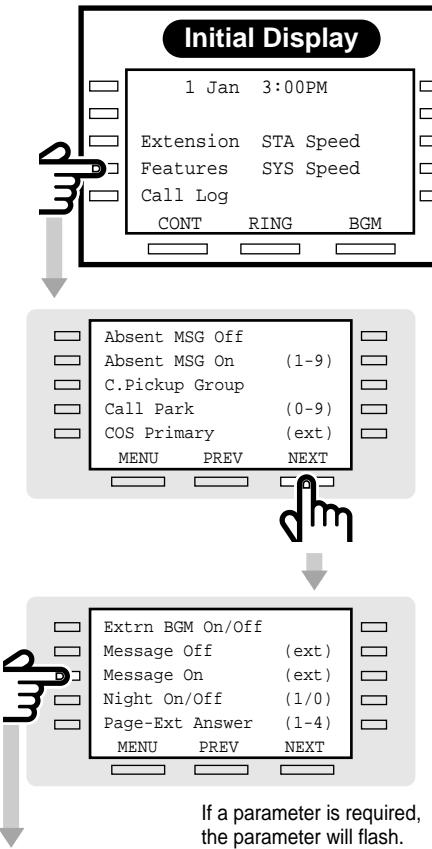
Enter the extension number.
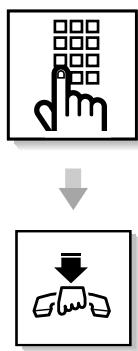
1. Press the **Features** (F4) button.
2. Press the **NEXT** (S3) button until
   "Message On" is displayed.
3. Press the **Function** button which is next
   to "Message On."
4. Enter the **extension number**.
5. On-hook.

■ **KX-T7433**
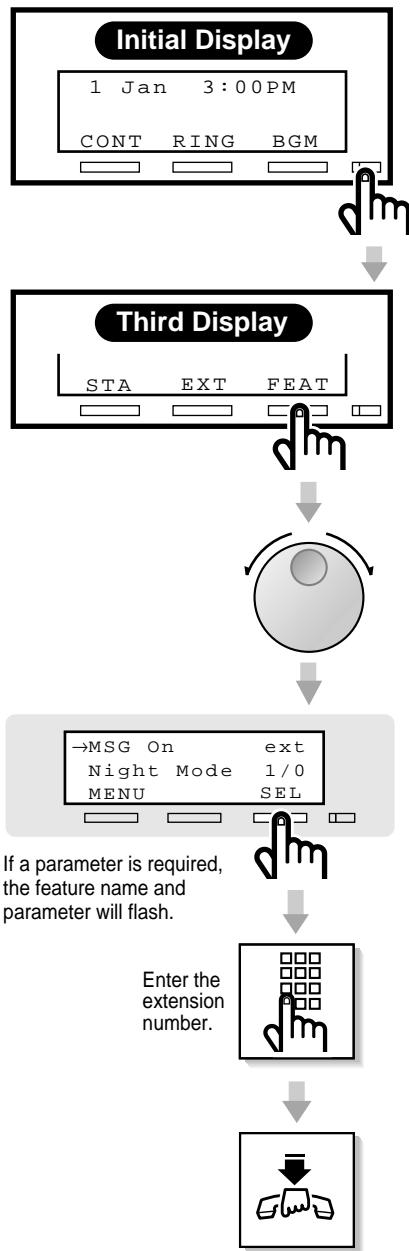
Initial Display

```
   1 Jan   3:00PM

   CONT   RING   BGM
```

Third Display

```
   STA    EXT   FEAT
```

```
 →MSG On        ext
  Night Mode    1/0
  MENU          SEL
```

If a parameter is required,
the feature name and
parameter will flash.

Enter the
extension
number.

1. Press the **SHIFT** button repeatedly until
   the Jog Dial operation display appears.
2. Press the **FEAT** (S3) button.
3. Rotate the **Jog Dial** until "MSG On"
   is at the arrow.
4. Press the **SEL** (S3) button.
5. Enter the **extension number**.
6. On-hook.
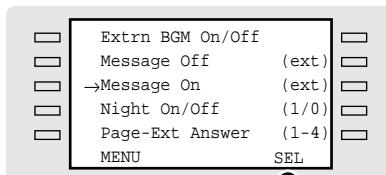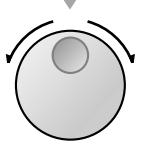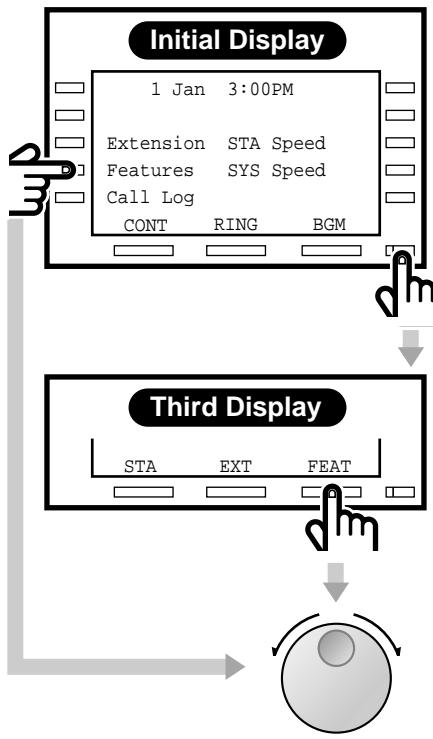
■ **KX-T7436**

```
┌─────────────────────────────────┐
│        Initial Display          │
│                                 │
│ ▭    1 Jan  3:00PM         ▭    │
│ ▭                          ▭    │
│ ▭  Extension  STA Speed    ▭    │
│ ▭  Features   SYS Speed    ▭    │
│ ▭  Call Log                ▭    │
│      CONT    RING    BGM        │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│         Third Display           │
│                                 │
│   └  STA     EXT     FEAT  ┘    │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│ ▭   Extrn BGM On/Off        ▭  │
│ ▭   Message Off      (ext)  ▭  │
│ ▭  →Message On       (ext)  ▭  │
│ ▭   Night On/Off     (1/0)  ▭  │
│ ▭   Page-Ext Answer  (1-4)  ▭  │
│     MENU             SEL        │
└─────────────────────────────────┘
```

If a parameter is required,
the parameter will flash.

Enter the
extension
number.

1. Press the **Features** (F4) button
   or the **FEAT** (S3) button.
   (The S3 button can be changed
   to "FEAT" by pressing the
   SHIFT button repeatedly.)
2. Rotate the **Jog Dial** until
   "Message On" is at the arrow.
3. Press the **SEL** (S3) button.
4. Enter the **extension number**.
5. On-hook.

4.4 *Special Display Features*

System Feature List

You can access the following features which are displayed in alphabetical order.

The parameters used in the list are for a telephone connected to a KX-TD1232.

Features marked with "*" are only available for the operator.

For more details about the features and required parameters, refer to the respective features in Section 4.2, "DPT Features," and Section 4.3, "Operator Service Features."

DISPLAY (KX-T7436) (KX-T7433)	REQUIRED PARAMETERS	FEATURE DESCRIPTION
Absent MSG Off ABST MSG Off	None	Cancels the absent message. — "Absent Message Capability"
Absent MSG On (1-9) ABST MSG On 1-9	Message number (1-9) + parameter (if required)	Sets an absent message. — "Absent Message Capability"
C.Pickup Group C.Pickup GRP	None	Picks up a call within your extension group. — "Call Pickup, Group"
Call Park (0-9) Call Park 0-9	0-9: Parking zone number	Places a call on hold in a system parking area. — "Call Park"
COS Primary (ext) COS Primary ext	Extension number	Selects Class of Service (COS) primary mode.* — "Class of Service (COS) Switch"
COS Secondary (ext) COS Second ext	Extension number	Selects Class of Service (COS) secondary mode.* — "Class of Service (COS) Switch"
Extrn BGM On/Off Ext-BGM On/Off	None	Turns on/off the background music.* — "Background Music (BGM) – External"
Message Off (ext) MSG Off ext	Extension number	Cancels a notification. — "Message Waiting"
Message On (ext) MSG On ext	Extension number	Leaves a notification so that the called party may call you back. — "Message Waiting"
Night On/Off (1/0) Night Mode 1/0	1 (On) / 0 (Off)	Changes the Day (Off) / Night (On) mode.* — "Night Service"
Page-Ext Answer (1-4) Page-E ANS 1-4	1-4: External pager number (3 and 4: TD1232 only)	Answers a page through a speaker. — "Paging – ANSWER"
Page-GRP Answer Page-GRP ANS	None	Answers a page through a telephone in the same extension group. — "Paging – ANSWER"
Paging External (0-4) Page Extrn 0-4	0: All external pagers 1-4: External pager number (3 and 4: TD1232 only)	Pages through the speaker. — "Paging – External"

DISPLAY (KX-T7436) ‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧ (KX-T7433)	REQUIRED PARAMETERS	FEATURE DESCRIPTION
`Paging Group   (00-16)` ‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧ `Page GRP   00-16`	00: All extension groups 01-16: Extension group number	Pages to all or a particular extension group. — "Paging – Group"
`Parallel On/Off   (1/0)` ‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧‧ `Parallel   1/0`	1 (On) / 0 (Off)	Sets whether a single line telephone connected in parallel will ring (On) or not (Off) when receiving a call. — "Paralleled Telephone Connection"

Conditions

- When using a KX-T7436, you can press a Function button (F1 through F10) on the same line of the desired item instead of the SEL (S3) button.
- Before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.
  <Example> Press 2 two times to display "B" items.

5.1　　　Configuration

Location of Controls

■ **KX-T7440**

DSS Buttons with
Busy Lamp Field (BLF) (01 through 66)
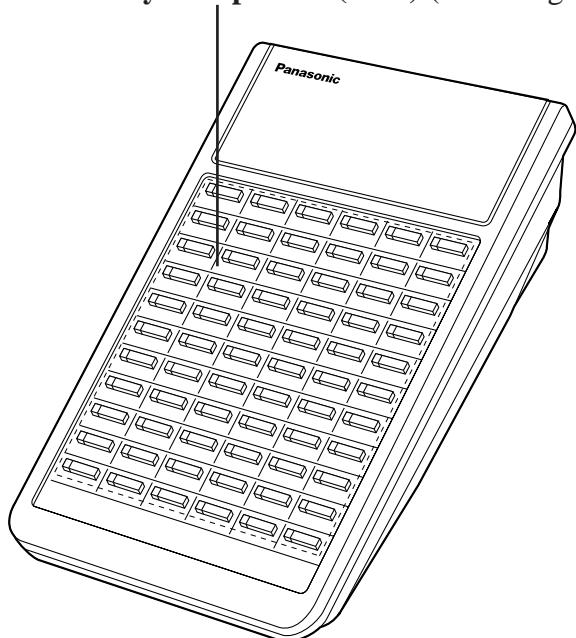
■ **KX-T7441**

DSS Buttons with
Busy Lamp Field (BLF) (01 through 48)

ANSWER Button　　**RELEASE** Button

Connection

→ Connect to a Digital Super
　Hybrid System.

Included telephone
line cord

5.1   *Configuration*
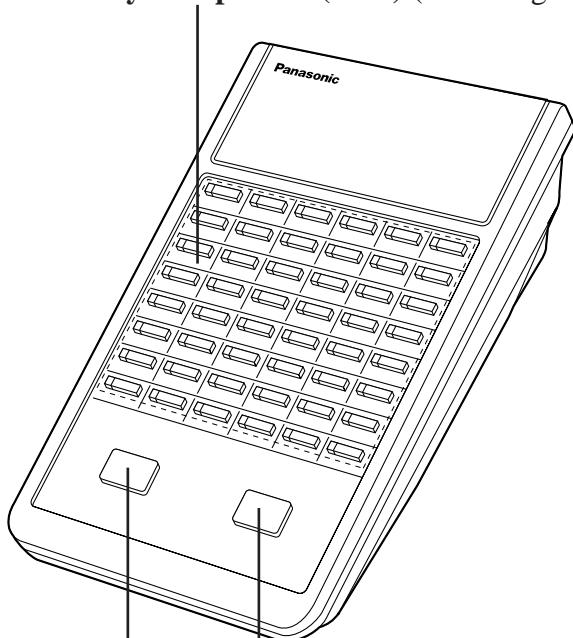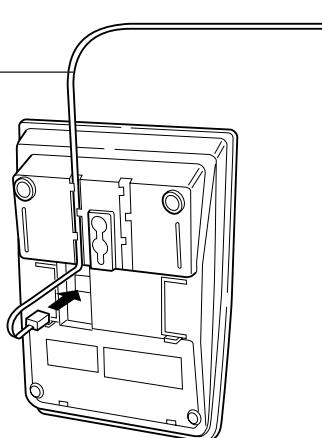
Feature Buttons

DSS Consoles have the following types of Feature Buttons:

DSS Buttons with Busy Lamp Field (BLF)

Used to access extensions. The BLF indicates the busy or idle status of each extension in the system. These buttons can also be changed to other function buttons.

PF (Programmable Feature) Buttons

These buttons are provided with no default settings. With a paired telephone, you can program the buttons as other function buttons.

ANSWER Button

Used to answer an incoming call.

RELEASE Button

Used to disconnect the line.

5.2 *DSS Console Features*

ANSWER / RELEASE Button Operation *(KX-T7441 only)*

The KX-T7441 DSS Console is provided with an ANSWER and RELEASE button which are useful for operators who use headsets.

With the ANSWER button, you can answer all incoming calls to the paired telephone. With the RELEASE button, you can disconnect the line during or after a conversation or complete a Call Transfer.

Answering a call

1
ANSWER

1. Press the **ANSWER** button on the console.
   - You can talk to the caller with the headset or using the handsfree mode.

Call Transfer

1
TRANSFER

2
or
1 2 3
4 5 6
7 8 9
* 0 #

desired number

3
RELEASE
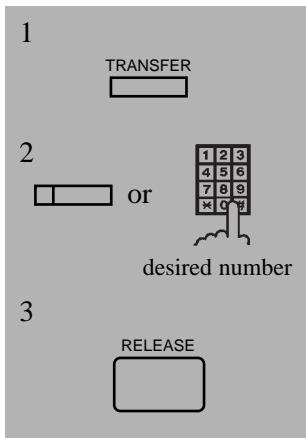
During a conversation with the headset or handsfree mode

1. Press the **TRANSFER** button on the paired telephone.

2. Press the desired **DSS** button on the console or dial the desired number at the paired telephone.

3. Press the **RELEASE** button after the party answers.

One-Touch Transfer

A CO call can be transferred to an extension with the one-touch operation. The One-Touch Transfer function must be set by System Programming.

1

2
RELEASE
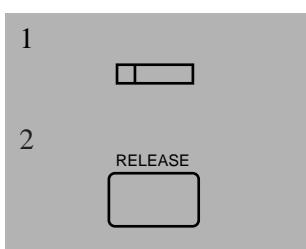
During a conversation with the headset or handset mode

1. Press the desired **DSS** button on the console.
   - The other party is placed on hold and the destination extension is called immediately.

2. Press the **RELEASE** button after the party answers.

Programming References

- System Programming — Installation Manual
  [108] Automatic Hold by CO/DSS Button

One-Touch Access Assignment for System Features

You can assign the desired feature number to a DSS or PF button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

1

☐☐ or ☐

1. Press the desired **DSS** or **PF** button on the console.

2

2

2. Dial **2** on the paired telephone.

3

```
1 2 3
4 5 6
7 8 9
* 0 #
```
feature number

3. Enter the desired **feature number** on the paired telephone.
   <Example>
   If you wish to gain access to the "Paging — All" feature, enter the feature number, 62✳.

4

AUTO DIAL
☐
STORE

4. Press the **STORE** button on the paired telephone.
   • Repeat steps 1 through 4, to program numbers on other DSS or PF button.
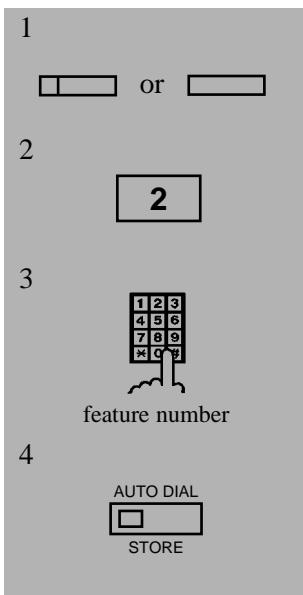
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

■ *To correct an error while programming*

1

CLR
[S 1]   [S 2]   [S 3]
or
TRANSFER
☐

1. Press the **CLR** button (S2) or the **TRANSFER** (CLEAR) button on the paired telephone and complete programming.
   (The TRANSFER button becomes the CLEAR button when using the overlay.)
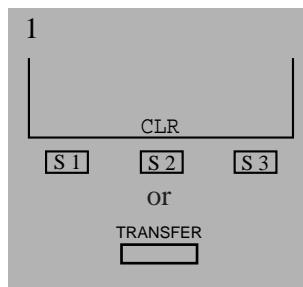
■ *To erase after programming*

1

☐☐ or ☐

1. Press the **DSS** or **PF** button you wish to erase on the console.

2

2

2. Press **2** on the paired telephone.

3

AUTO DIAL
☐
STORE

3. Press the **STORE** button on the paired telephone.
   • The number is erased.

5.2　*DSS Console Features*
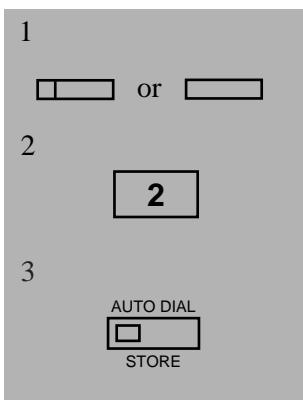
Conditions

- DSS buttons can be changed to any of the following function buttons through Station Programming:
    - a) Account Button
    - b) *Another* DSS Button (Every DSS button can be assigned to another extension number.)
    - c) Call Forwarding from Hunting Group Button
    - d) Call Pickup Deny Button
    - e) Call Waiting Button
    - f) CLIR Button
    - g) COLR Button
    - h) Conference (CONF) Button
    - i) Doorphone Call Forwarding to Outside Line Button
    - j) DND for DDI Button
    - k) Executive Busy Override Deny Button
    - l) FWD/DND Button
    - m) ISDN Service Button
    - n) Message Waiting (MESSAGE) Button
    - o) Night Button
    - p) One-Touch Dialling Button
    - q) One-Touch Dialling with Auto Hold Button
    - r) Paging Deny Button
    - s) Paralleled Telephone Connection Button
    - t) Pickup Dialling Button
    - u) Phantom Button
    - v) SAVE Button
    - w) Terminate Button
    - x) Two-Way Record Button†
    - y) Two-Way Transfer Button†
    - z) Voice Mail (VM) Transfer Button

- PF buttons can be changed to any of the following function buttons through Station Programming:
    - a) Account Button
    - b) Conference (CONF) Button
    - c) FWD/DND Button
    - d) ISDN Service Button
    - e) One-Touch Dialling Button
    - f) One-Touch Dialling with Auto Hold Button
    - g) SAVE Button
    - h) Terminate Button
    - i) Voice Mail (VM) Transfer Button
- When the STORE button is pressed after programming, you will hear beep tones as follows:
    - — One beep　: The entry is changed from the one that was previously stored.
    - — Two beeps : The entry is the same as what was previously stored.

5.2　DSS Console Features

Programming References

- Station Programming (Section 2)
  - Flexible Button Assignment — Account Button, Conference (CONF) Button, DSS Button, FWD/DND Button, Message Waiting (MESSAGE) Button, Night Button, One-Touch Dialling Button, One-Touch Dialling with Auto Hold button, Phantom Button, SAVE Button, Terminate Button,Two-Way Record Button†, Two-Way Transfer Button†, Voice Mail (VM) Transfer Button
- System Programming — Installation Manual
  - [007] DSS Console Port and Paired Telephone Assignment
  - [108] One-Touch Transfer by DSS Button

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†: Available when the Digital Super Hybrid System is connected to a
　Proprietary Telephone capable Panasonic Voice Processing System
　(one that supports proprietary telephone integration; e.g. KX-TVP100).

Account Code Entry

An Account Code is used to identify incoming and outgoing outside calls, for accounting and billing purposes. The account code is appended to the "Station Message Detail Recording (SMDR)" call record. For incoming outside calls, account codes are not required. For outgoing outside calls, account codes are often required. You can enter account codes in the following three modes: Verified - All Calls mode; Verified - Toll Restriction Override mode; and Option mode. One mode is selected for each extension on a "Class of Service*" basis.

Entering account codes
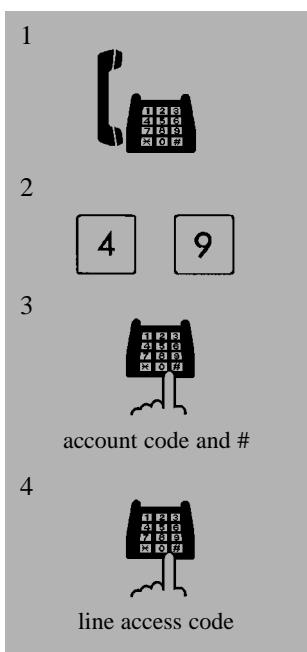
1. Lift the **handset**.

2. Dial the **feature number** (49).
   - No tone is returned.

3. Dial the **account code** and **#**.
   - You may dial 99 instead of "#."
   - You hear a confirmation tone and then a dial tone.

4. Dial the **line access code** (9 or 81 through 88) and dial.

account code and #

line access code

Conditions

In "Verified - All Calls" mode
- You must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory:
  - a) Call Forwarding — to CO Line
  - b) Manual Dialling (Selecting a CO line)
  - c) Pickup Dialling (Hot Line)
  - d) Redial, Last Number
  - e) Station Speed Dialling
  - f) System Speed Dialling

In "Verified - Toll Restriction Override" mode
- You can enter a pre-assigned account code only when you need to override toll restriction (Toll Restriction Override by Account Code Entry).

In "Option" mode

- You can enter any account code when needed. It is possible to record a calling or called party's account code in the SMDR within fifteen seconds after the other party hangs up.

General

- It is not possible to enter an account code while having a conversation or hearing reorder tone.
- There is no need for an account code entry when receiving incoming calls.
- Dialling "✳" while entering an account code allows you to clear the number and re-enter.
- Pressing the Register Recall button while entering an account code cancels the entry.
- An account code can be up to ten numeric digits (0 through 9). After entering an account code, the delimiter "#" or "99" must be entered (the entered account code should not be "99" nor end with "9").
- An account code can be stored into Memory Dialling ("Pickup Dialling (Hot Line)," "System/Station Speed Dialling," "Call Forwarding — to CO Line"). The sequence to enter an account code into Memory Dialling is as follows:

    — **[Feature Number] [Account Code] [#] [Line Access Code] [Phone Number]**
    or
    — **[Feature Number] [Account Code] [99] [Line Access Code] [Phone Number]**
- If an entered account code does not match a stored account code when making a CO call, a reorder tone is returned.
- If an entered account code matches a pre-assigned account code when making a CO call, the charge fee of the account code is totalized.
- If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR.

Programming References

- Station Programming (Section 2)
    Charge Fee Reference — Account Code Charge Fee Reference, Account Code Set
- System Programming — Installation Manual & Installation Manual Addendum
    [105] Account Codes
    [508] Account Code Entry Mode
    [601] Class of Service

Feature References

Station Message Detail Recording (SMDR) (→ see Installation Manual)

Toll Restriction Override by Account Code Entry

* Class of Service (COS) is used to define the features which are allowed for a group of extension.
  Refer to the Installation Manual for programming and more details.

Automatic Callback Busy (Camp-On)

When the selected CO line or extension you have dialled is busy, dial the camp-on code and hang up. Your telephone will ring when the called party is idle.

Setting
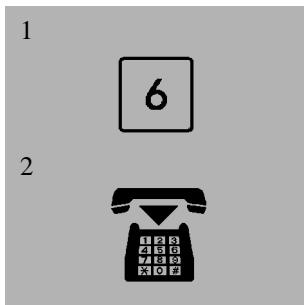
If you make a call and hear a busy tone;
1. Dial **6**.
   - You hear a confirmation tone and then a reorder tone.

2. **Hang up**.
   - Wait until the telephone rings back.

Answering an intercom recall

If you hear the telephone ringing;
1. Lift the **handset**.
   - You hear a ringback tone and the called extension rings automatically.

Answering a CO line recall
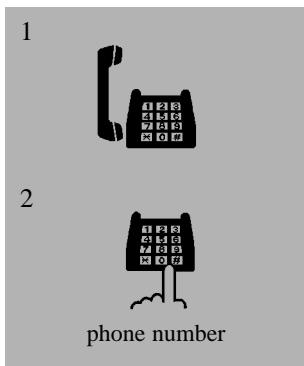
If you hear the telephone ringing;
1. Lift the **handset**.
   - You hear a dial tone.

2. Dial the **phone number** of the outside party.

phone number

Cancelling
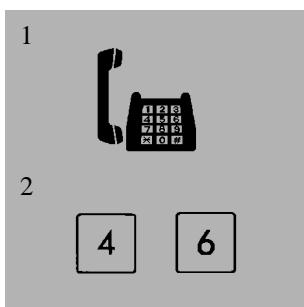
1. Lift the **handset**.

2. Dial the **feature number** (46).

3

3. **Hang up**.

Conditions

- If you do not answer before four callback ring signals (within 10 seconds), this feature will be automatically cancelled.
- If the called party becomes busy again after the callback ringing starts, ringing stops but this feature will be executed again when the extension becomes free.

Call Forwarding — from Hunting Group

Pre-assigned extension users can forward calls arriving at any receiving group or calls arriving just at your own receiving group. the destination can be another receiving group or a specific extension. Some extensions may be restricted.

Setting

1. Lift the **handset**.

2. Dial the **7141**.

forwarding group number

3. Dial a **forwarding group number**.

group number or
extension numer

4. Dial a destination **group number** or **extension number**.

5. **Hang up**.

Cancelling

1

1. Lift the **handset**.

2

| 7 | 1 | 4 | 0 |

2. Dial **7140**.

3

forwarding group number

3. Dial **forwarding group number**.

4

4. **Hang up**.

Conditions

- You can set or cancel this feature by simply pressing the CAll forwarding from Hunting Group button.
- Each call can be forwarded up to four times. The fifth time will be disregarded.

Incoming call → A (Original destination) → once → B → twice → C → three times → D → four times → E → five times → ✕ → F

- Boss-Secretary function

  The extension which has been set as the destination can call the forwarding extension. Also, any extension in the receiving group which has been set as the forwarded destination can call the forwarding extension.

  <Example>

  Call ← Forwarding extension — Forward set → Receiving group 1

Programming References

- System Programming — Installation Manual Addendum
  - [100] Flexible Numbering, Call forwarding from hunting group
  - [520] Call Forwarding from Hunting Group

C
6.2 SLT and ISDN Telephone Features

Calling / Connected Line Identification Presentation (CLIP / COLP)

Allows you to display your number on the LCD of the called party's telephone when making a call (CLIP), or allows you to display your number on the LCD of the calling party's telephone when answering a call (COLP) through an ISDN line.

To select a CLIP / COLP number for a CO line

1
2
7 1 1 1
5

1. Lift the **handset**.

2. Dial the **feature number** (711) and **1**.
   • You will hear a confirmation tone.

3. **Hang up**.

To select a CLIP / COLP number for an extension

1
2
7 1 1 2
5

1. Lift the **handset**.

2. Dial the **feature number** (711) and **2**.
   • You will hear a confirmation tone.

3. **Hang up**.

To select a desired CLIP number for one time

1

2

| 7 | 1 | 1 | 3 |

3

desired CLIP number + #

4

line access code

5

phone number

1. Lift the **handset**.

2. Dial the **feature number** (711) and **3**.

3. Dial the desired **CLIP number** and press **#**.
   - You will hear a confirmation tone.

4. Dial the **line access code** (9 or 81 through 88).

5. Dial the **phone number**.

Condition

- System programming is required to assign the numbers for a CLIP / COLP number. However, the number actually sent to the called or calling party depends on the contract of your ISDN network suppliers.

Programming References

- System Programming — Installation Manual Addendum
   - [419] Subscriber Number Assignment
   - [623] CLIP / COLP Number Assignment for Extension
   - [624] CLIP / COLP Number Assignment for ISDN Extension

Feature References

Calling Line Identification Restriction (CLIR)
Connected Line Identification Restriction (COLR)

Calling Line Identification Restriction (CLIR)

Allows you to restrict the presentation of your number to the called party when you make a call. You can set the called party to see your number on the display once or continuously. This feature is an ISDN service.

To restrict the presentation of your number to the called party

1. Lift the **handset**.

2. Dial the **feature number** (59) and **2**.

3. **Hang up**.

To present your number to the called party
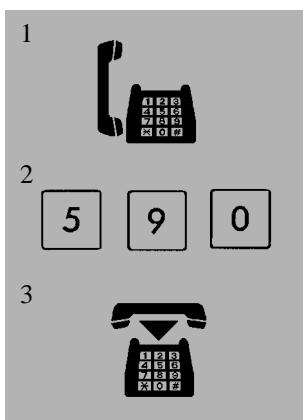
1. Lift the **handset**.

2. Dial the **feature number** (59) and **0**.

3. **Hang up**.

To change the current setting just for this call
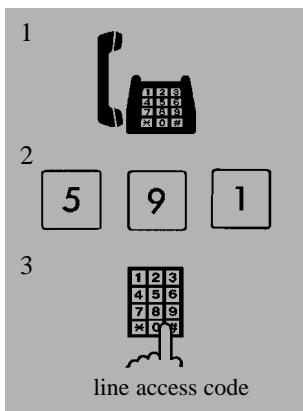
1. Lift the **handset**.

2. Dial the **feature number** (59) and **1**.

3. Dial the **line access code** (9 or 81 through 88).

line access code

4
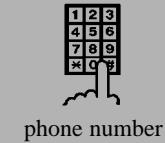
phone number

4. Dial the **phone number**.

Programming References

- System Programming — Installation Manual Addendum
  [419] Subscriber Number Assignment
  [516] Calling Line Identification Restriction

Call Transfer — to CO Line

Allows you to transfer an intercom call to a CO line by a Screened Call Transfer.

Screened Call Transfer
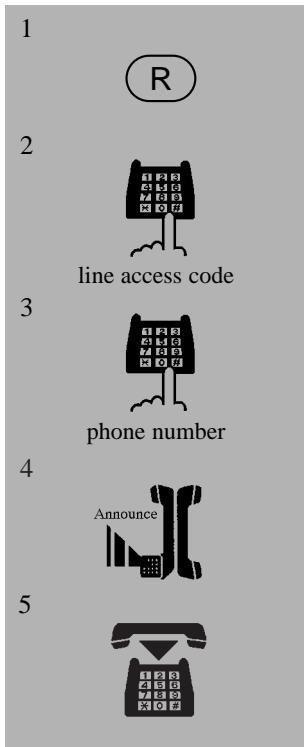
While having a conversation;

1. Press the **Register Recall** button.
   - The other party is placed on hold.
   - You hear a confirmation tone and then a dial tone.

2. Dial the **line access code** (9 or 81 through 88).

3. Dial the **phone number** where calls will be transferred.

4. **Wait** for an answer and **announce**.

5. **Hang up**.
   - The call is transferred.

Conditions

- If you want to return to the held call, press the Register Recall button before the destination party answers.
- "Class of Service" programming determines the extensions that can perform this feature.

Programming References

- System Programming — Installation Manual
   - [503] Call Transfer to CO Line
   - [601] Class of Service
   - [990] System Additional Information, Field (1)

Completion of Calls to Busy Subscriber (CCBS)

You can set the telephone to receive call-back ringing when a busy called party on an ISDN line becomes free. When you answer the call-back ringing, the called party's telephone number is automatically dialled.

Setting
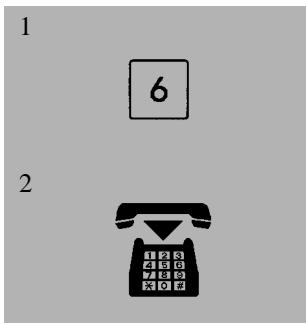
| 1 | *While hearing an indication tone*;*
1. Dial **6**. |
| 2 | 2. **Hang up**. |

Answering and calling

| 1 | 1. Lift the **handset**. |

1
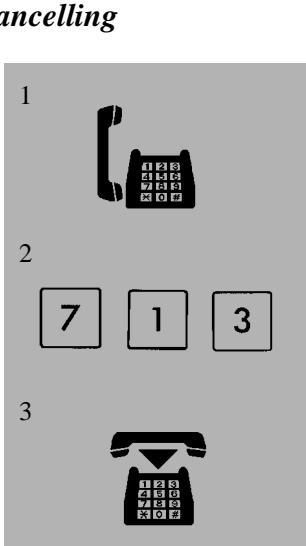
Cancelling

1	1. Lift the **handset**.
2	2. Dial **713**.
3	3. **Hang up**.

Condition

- The availability of this feaure depends on the ISDN service of your telephone company.
- If you do not answer after four call-back rings, this feature will be cancelled.
- This feature is not available for an ISDN telephone user.
- * Indication tone

Programming References

- System Programming — Installation Manual Addendum
    - [100] Flexible Numbering, CCBS
    - [153] Completion of Calls to Busy Subscriber

Connected Line Identification Restriction (COLR)

Allows you to restrict the presentation of your number to the calling party when you receive the incoming call. You can set the calling party not to see your number on the display. This feature is an ISDN service.

To restrict the presentation of your number to the calling party
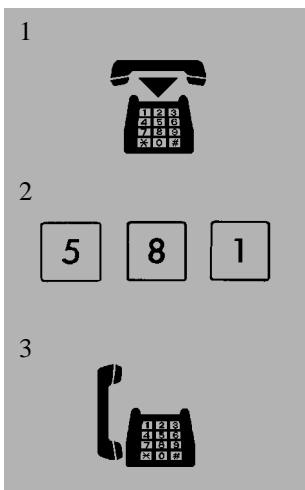
1. Lift the **handset**.

2. Dial the **feature number** (58) and **1**.

3. **Hang up**.

To present your number to the calling party
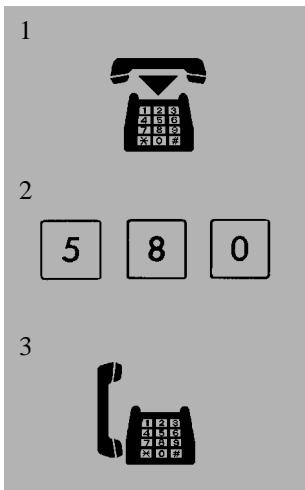
1. Lift the **handset**.

2. Dial the **feature number** (58) and **0**.

3. **Hang up**.

Programming References

- System Programming — Installation Manual Addendum
  [419] Subscriber Number Assignment
  [517] Connected Line Identification Restriction

Do Not Disturb (DND)

Allows you to deny an incoming intercom call or transfer an incoming CO call to the backup station.

Setting
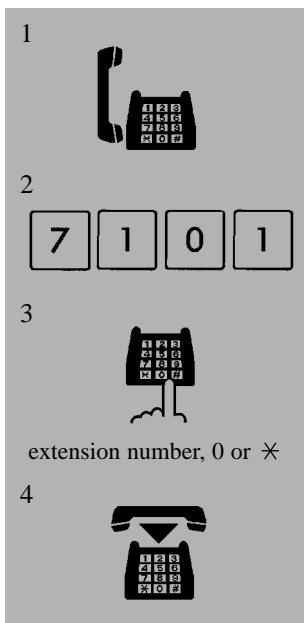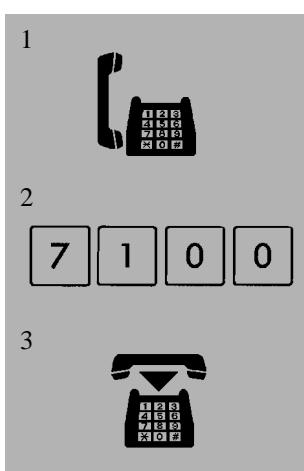
1. Lift the **handset**.

2. Dial the **feature number** (710) and **1**.

3. Dial the **extension number**, **0** (to operator) for the backup station or ✳ (no backup).
   • You hear a confirmation tone and then a dial tone.

4. **Hang up**.

extension number, 0 or ✳

Cancelling

1. Lift the **handset**.

2. Dial the **feature number** (710) and **0**.
   • You hear a confirmation tone and then a dial tone.

3. **Hang up**.

Conditions

- When this feature is set, an incoming outside call (directed by Intercept Routing or DIL 1:1 extension) will be automatically transferred to the backup station (pre-assigned extension). An incoming intercom call will send the DND tone to your extension.
- If the extension is already set as the destination of the "Call Forwarding," "Do Not Disturb (DND)" and "Do Not Disturb for Direct Dial In Calls" features, you cannot set this feature and when you set this feature, you hear a reorder tone.
- While the operator is set as the destination of the "Do Not Disturb (DND)" feature, even if the operator is different from Day mode and Night mode, an incoming call will be transferred to an operator. If the operator is not assigned, an incoming call will be transferred to the IRNA.
- A calling extension that has "Do Not Disturb (DND) Override" enabled can override your extension when it is set to "Do Not Disturb (DND)" mode.

Feature References

Call Forwarding
Do Not Disturb (DND) Override
Do Not Disturb for Direct Dialling In Calls
Intercept Routing ($\rightarrow$ see Installation Manual)

Do Not Disturb for Direct Dialling In Calls

Allows you to set "Do Not Disturb (DND)" feature for Direct Dialling In (DDI) calls. Direct Dialling In calls will be transferred to the operator. The operator cannot set this feature.

Setting
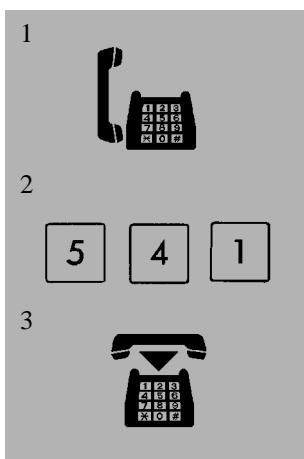
1. Lift the **handset**.

2. Dial the **feature number** (54) and **1**.
   - You hear a confirmation tone and then a dial tone.

3. **Hang up**.

Cancelling
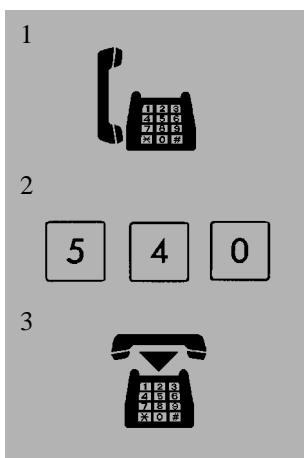
1. Lift the **handset**.

2. Dial the **feature number** (54) and **0**.
   - You hear a confirmation tone and then a dial tone.

3. **Hang up**.

Conditions

- When this feature is set, an incoming call (directed by Intercept Routing or DIL 1:1, DIL 1:N) can be answered.
- Even if this feature is set, your extension does not deny Direct Dialling In calls the following cases:
  1) The destination of DDI calls is UCD group.
  2) The destination of DDI calls is the Hunting group number that has set this feature.

• When you set this feature, "Call Forwarding" and "Do Not Disturb (DND)" features will be cancelled.

• While you set this feature, if you go off-hook, you hear a special dial tone.

Feature References

Call Forwarding

Do Not Disturb (DND)

Do Not Disturb (DND) Override

Direct Dialling In (→ See Installation Manual)

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

Calling an extension from a doorphone
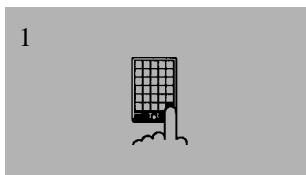
1. Press the **Doorphone** button.
   - The visitor hears a beep.
   - Wait for an answer and talk.

Answering a doorphone call

When you hear the doorphone ring tone at the extension;
1. Lift the **handset**.

Calling a doorphone
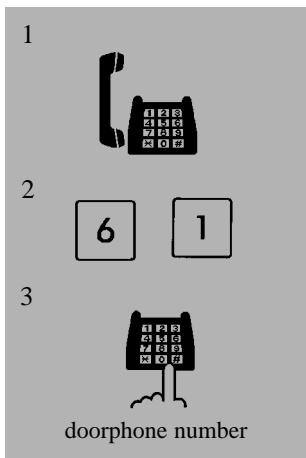
1. Lift the **handset**.

2. Dial the **feature number** (61).

3. Dial a **doorphone number** (1 or 2) or (1 through 4) as follows.
   - 1 or 2:   if you are connected to the KX-TD816
   - 1 through 4: if you are connected to the KX-TD1232
   - You can talk after you hear a confirmation tone.

doorphone number

To unlock the door from an assigned extension
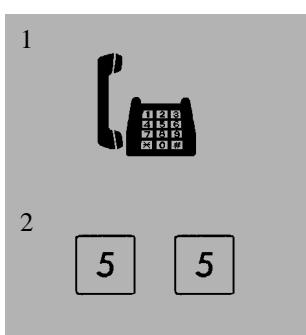
1. Lift the **handset**.

2. Dial the **feature number** (55).

3. Dial a **door opener number** (1 or 2) or (1 through 4) as follows.
   – 1 or 2:   if you are connected to the KX-TD816
   – 1 through 4: if you are connected to the KX-TD1232
   • You hear a confirmation tone.
   • The door is left unlocked for 5 seconds.

4. **Hang up**.

To unlock the door while talking to the doorphone from any extension
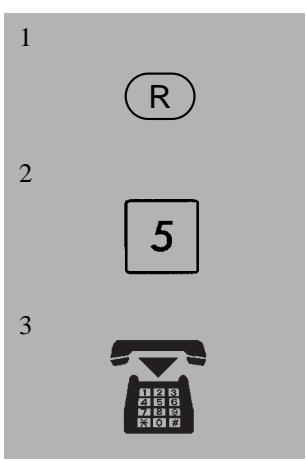
1. Press the **Register Recall** button.
   • You hear a confirmation tone and then a dial tone.

2. Dial **5**.
   • You hear a confirmation tone.
   • The door is left unlocked for 5 seconds.

3. **Hang up**.

Conditions

- You must dial 5 within ten seconds after pressing the Register Recall button.
- If you do not answer an incoming doorphone call within thirty seconds, the call is cancelled.
- You must program the extensions that can receive calls from each doorphone for day and night mode.
- "Class of Service" programming determines the extension that can unlock the door.
- It is possible for any extension users to originate a call to a doorphone.
- The door opener 1 through 4 can be unlocked using the feature number, while the doors which are paired with the doorphone 1 through 4 can be unlocked while talking to the doorphone.
- For the KX-TD1232, door openers 1 and 2 and doorphones 1 and 2 are related to the master cabinet, and door openers 3 and 4 and doorphones 3 and 4 are related to the slave cabinet.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [021]–[022] Doorphone Call Forwarding — Day/Night
    [122] Automatic Door Open Assignment
    [511] Door Opener Access
    [607]–[608] Doorphone Ringing Assignment — Day/Night

Doorphone Call Forwarding to CO Line

You can have incoming doorphone calls forwarded to outside parties using ISDN lines.
You can choose a different destination for Day mode and Night mode.
Some extensions may be restricted.

Setting / Cancelling (at the extension receiving doorphone calls)

1

2

| 7 | 1 | 6 |

3

doorphone number or ✳

4

| 1 | or | 0 |

5
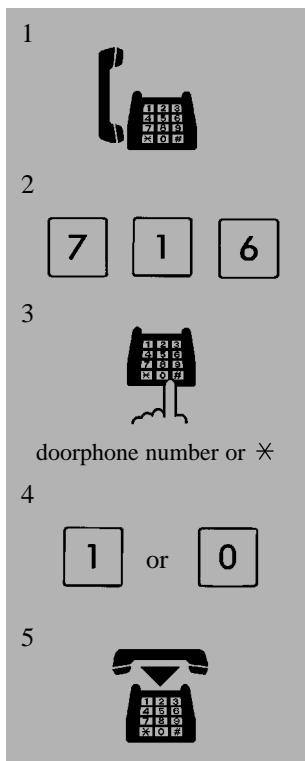
1. Lift the **handset**.

2. Dial **716**.

3. Dial a specific doorphone number (1-4) or ✳ for all.
   - 1-4 : doorphone number
   - ✳ : for all

4. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel

5. **Hang up**.

To store the phone number

1

2

| 7 | 1 | 5 |

3

| 0 | or | 1 |

1. Lift the **handset**.

2. Dial **715**.

3. Dial **0** or **1**.
   - 0 : for Day
   - 1 : for Night

4

doorphone number or ✳

4. Dial specific **doorphone number** (1-4) or ✳ for all.

5

line access code

5. Dial the **line access code** (9 or 81 through 88).

6

phone number and #

6. Dial a **phone number** and **#**.

7

7. **Hang up**.

To clear the phone number

1

1. Lift the **handset**.

2

| 7 | 1 | 5 |

2. Dial **715**.

3

| 0 | or | 1 |

3. Dial **0** or **1**.
   – 0: for Day
   – 1 : for Night

4

doorphone number or ✳

4. Dial specific **doorphone number** (1-4) or ✳ for all.

5

| # |

5. Dial **#**.

6

6. **Hang up**.

Conditions

- Time limit
  A call between a party at a doorphone and an outside party is restricted by the system timer
  (Default: 0 sec.). The call is disconnected when the time runs out.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [021]-[022] Doorphone Call Forwarding — Day/Night
    [100] Flexible Numbering, Doorphone call forwarding to CO line / Doorphone call
        forwarding mode switch
    [218] Doorphone-to-CO Line Call Duration Time
    [521] Doorphone Call Forwarding to CO Line
    [607]–[608] Doorphone Ringing Assignment — Day/Night
    [990] System Additional Information, Area 06 – Bit 14

6.2   *SLT and ISDN Telephone Features*   *E*

Emergency Call

Allows you to make an emergency CO call without dial restriction. You can store up to ten emergency numbers.
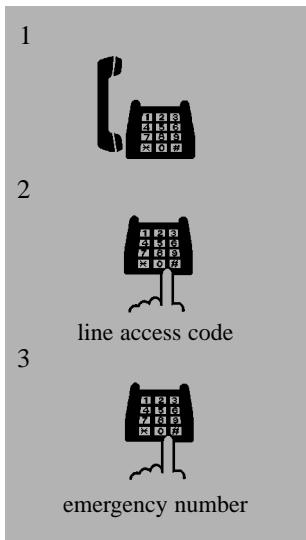
Dialling

1

2

line access code

3

emergency number

1. Lift the **handset**.
   • You hear a dial tone.

2. Dial the **line access code** (9 or 81 through 88).

3. Dial the desired **emergency number**.

Conditions

• The emergency call will override the toll restriction level, the "Electric Station Lockout" feature, and the account code mode, "Verified — All Calls" or "Verified — Toll Restriction Override."

Programming References

• System Programming — Installation Manual
   [311] Emergency Dial Set

Hotel Application

Room Management

Allows you to print out the information of a guest room (e.g., cleaning status of the room and the total of the minibar charge) with a telephone in each room. Messages No.6-No.9 can be printed out.

<Example> Message 7: "Cleaned-up"
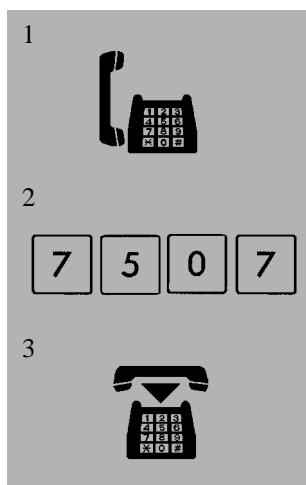
1. Lift the **handset**.

2. Dial the **feature number** (750) and **7**.

3. **Hang up**.

<Example> Message 8: "Minibar $ %%%.%"

1. Lift the **handset**.

2. Dial the **feature number** (750) and **8**.

3. Enter the **minibar charge**.

4. **Hang up**.

minibar charge

Data similar to below is printed out.

Date	Time	Ext	CO	Dial Number	ANS	Duration	Cost	Acc	CD
24.03.95	14:09	221		Cleaned-up					
24.03.95	10:23	230		Minibar $ 535.5					

Conditions

- System Programming is required to program the messages.
- This operation is the same as the Absent Message feature.
- It is necessary to assign [990] "System Additional Information, Field (34)" through System Programming beforehand.

Programming References

- User Programming (Manager Programming) (Section 3)
    - [008] Absent Messages
- System Programming — Installation Manual & Installation Manual Addendum
    - [008] Absent Messages
    - [990] System Additional Information, Field (34)

L 　　*6.2* 　*SLT and ISDN Telephone Features*

Log-In / Log-Out

Allows you to assign the Log-In mode or Log-Out mode within a hunting, ring or UCD (Uniform Call Distribution) group. When in the Log-Out mode, you can leave the group temporarily, preventing hunting calls from being sent to your extension.

Log-In / Log-Out
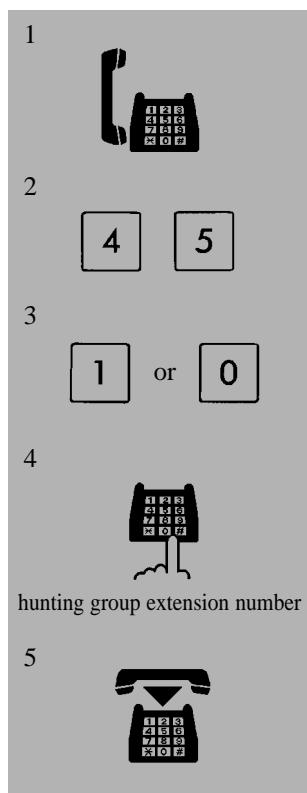
1

2

4 　5

3

1 　or 　0

4

hunting group extension number

5

1. Lift the **handset**.

2. Dial the **feature number** (45).

3. Dial **1** or **0**.
   - 1 : for Log-In mode
   - 0 : for Log-Out mode

4. Dial the **hunting group extension number**.
   • You can press ✻ to select all the hunting groups.
   • You hear a confirmation tone and then a dial tone.

5. **Hang up**.

Feature References

Station Hunting (→ see Installation Manual)
Uniform Call Distribution (UCD)

Message Waiting

Allows you to leave a message for another extension. If the destination extension is provided with a message waiting lamp, it will be lit. Even if a lamp is not provided, the extension will provide a special ringing and dial tone (dial tone 4*) to indicate that a message has been received.

Setting
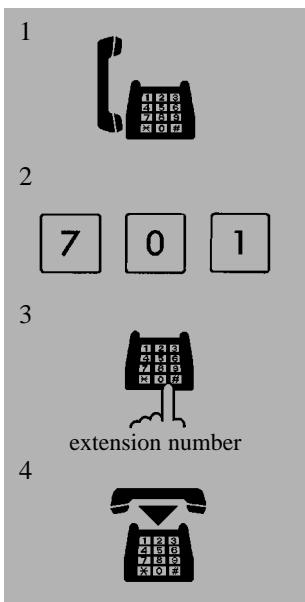
1. Lift the **handset**.

2. Dial the **feature number** (70) and **1**.

3. Dial the **extension number** where calls will be left.
   • You hear a confirmation tone and then a dial tone.
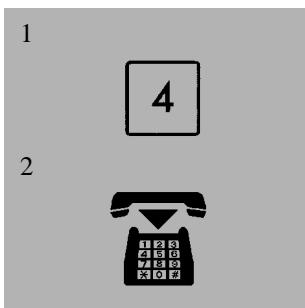
4. **Hang up**.

If the called extension is busy;
1. Dial **4**.
   • You hear a confirmation tone and then a dial tone.
   • You must dial 4 within 5 seconds after dialling extension number.

2. **Hang up**.

Cancelling
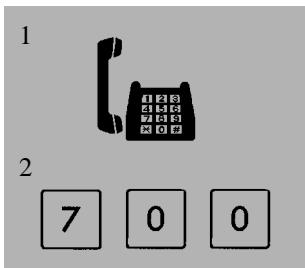
1. Lift the **handset**.

2. Dial the **feature numbe**r (70) and **0**.
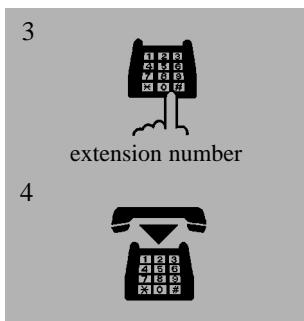
3. Dial the **extension number** where you left a message.
   - You hear a confirmation tone and then a dial tone.

4 **Hang up**.

3

extension number

4

Calling back the message sender
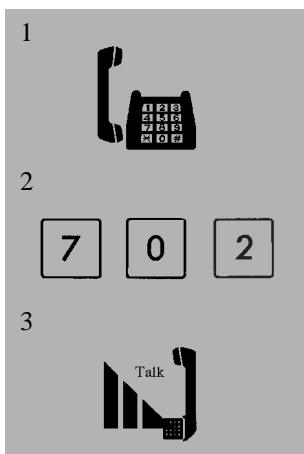
1. Lift the **handset**.
   - You hear dial tone 4.*

2. Dial the **feature number** (70) and **2**.
   - If you have more than one message at your extension, the line is connected to the message sender which you select.

3. Start **talking**.
   - The message is cleared after the conversation.

1

2

7 0 2

3

Talk

Clearing all messages by the message receiver
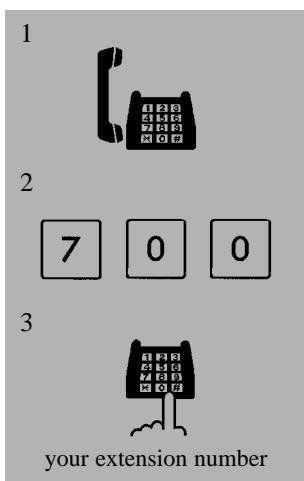
1. Lift the **handset**.
   - You hear a dial tone 4.*

2. Dial the **feature number** (70) and **0**.

3 Dial *your (message receiver's)* **extension number**.
   - All messages are cleared.

1

2

7 0 0

3

your extension number

Conditions

- If multiple messages are left at your extension, calling back is executed in the received order.
- The system supports a maximum of 128 simultaneous messages. If you try to set the 129th message, you hear a reorder tone.
- The special ringing tone rings three times at 5 second intervals after which there is an interval of programmable length. The length of this programmable interval can be set by System Programming.
- If you set the length of the interval to zero, the special ringing tone doesn't ring.
- If you hear dial tone 4* after going off-hook, there is a message at your extension.

*One of the dial tones. Refer to "Tone List" in the Appendix (Section 8).

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [214] Message Waiting Ring Internal Time
    [990] System Additional Information, Field (9)

Night Service

This system supports both the Night and Day modes of operation. The system operation for originating and receiving calls can be different in night and day modes. Toll restriction calls can be programmed to prevent unauthorized toll calls at night. Day/Night mode can be switched manually at anytime desired.

Manual Night Service
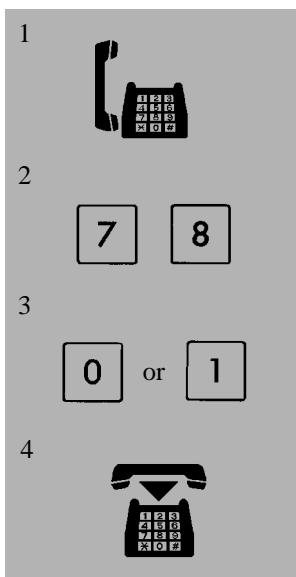
1
2
3
4

1. Lift the **handset.**

2. Dial the **feature number** (78).

3. Dial **0** or **1**.
    - 0 : from Night mode to Day mode
    - 1 : from Day mode to Night mode
      • You hear a confirmation tone.

4. **Hang up**.

Conditions

- The following items have separate day and night programming:
    1) Outgoing Permitted CO Line Assignment
    2) Direct In Lines (DIL)
    3) Doorphone Ringing Assignment
    4) Intercept Routing
    5) Ringing, Delayed
    6) Toll Restriction Level
    7) Toll Restriction for System Speed Dialling
    8) Operator Assignment
- "Class of Service" programming determines the extensions that can perform this feature.
- The Day/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 5:00 p.m. for all nights of the week) if automatic switching mode is selected in System Programming.

6.2   *SLT and ISDN Telephone Features*   *N*

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
  - [101] Day/Night Service Switching Mode
  - [102] Day/Night Service Starting Time
  - [513] Night Service Access
  - [601] Class of Service

Feature References

CO Line Connection Assignment — Outgoing ($\rightarrow$ see Installation Manual)

Direct In Lines (DIL) ($\rightarrow$ see Installation Manual)

Doorphone Call

Intercept Routing ($\rightarrow$ see Installation Manual Addendum)

Ringing, Delayed ($\rightarrow$ see Installation Manual)

System Feature Access Menu — Night Service (4.4/Special Display Features)

Toll Restriction ($\rightarrow$ see Installation Manual)

Operator Call

Allows you to call an operator within the system. There can be up to two extensions assigned as Operator 1 and 2. If there is only one operator or if you do not specify the operator, you should generate the General call. If you want to specify the operator, you should generate the Specific call by pressing a pre-assigned operator call number.
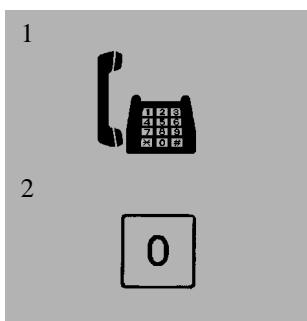
General call

1. Lift the **handset**.

2. Dial the **feature number** (0).

Specific call
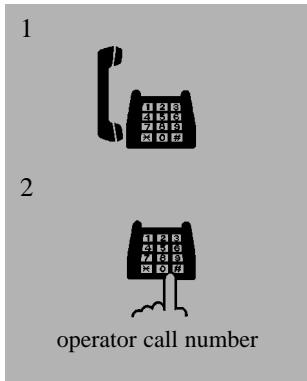
1. Lift the **handset**.

2. Dial the **operator call number** for each operator.

operator call number

Conditions

- If you generate the General call for two operators, Operator 2 will receive your call if Operator 1 is busy.
- If an operator is not assigned, this feature is not available; you will hear the reorder tone.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
    [006] Operator / Manager Extension Assignment — Day / Night
    [100] Flexible Numbering, Operator call, Operator 1 call, Operator 2 call

Quick Dialling

Allows you to make a quick dial call by pressing a pre-assigned quick dial number.

Dialling

1

2
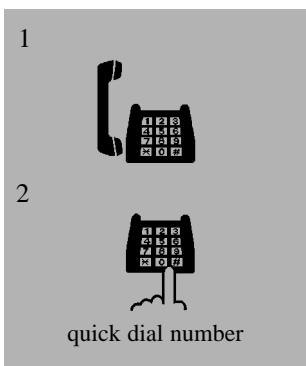
quick dial number

1. Lift the **handset**.

2. Dial the **quick dial number**.

Conditions

- Up to 80 quick dial numbers can be stored by System Programming.
- You must assign a feature number first in program [104] "Quick Dial Assignment," and then a quick dial number in program [009] "Quick Dial Number Set" in order for Quick Dial to be effective.
- For example, Quick Dialling is convenient for room service calls in a hotel.

Programming References

- System Programming — Installation Manual Addendum
    [009] Quick Dial Number Set
    [104] Quick Dial Assignment

Station Feature Clear

Allows you to reset the following station features to the default settings.

a) Absent Message Capability

b) Automatic Callback Busy (Camp-On)

c) Call Forwarding

d) Call Pickup Deny

e) Call Waiting

f) Calling Line Identification Restriction (CLIR)

g) CO Incoming Call Information Log

h) Connected Line Identification Restriction (COLR)

i) Do Not Disturb (DND)

j) Log-In

k) Message Waiting – (All messages will be removed)

l) Pickup Dialling (Hot Line) – (The stored telephone number will be removed)

m) Timed Reminder

Clearing current feature setting
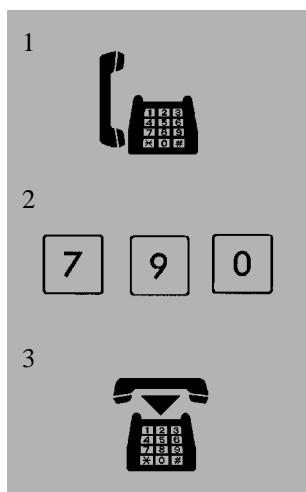
1. Lift the **handset**.

2. Dial the **feature number** (790).
   - You hear a confirmation tone and then a dial tone.

3. **Hang up**.

Toll Restriction Override for System Speed Dialling

Calls originated by "System Speed Dialling" are restricted depending on the extension's toll restriction level.

Programming References

- System Programming — Installation Manual Addendum

    [509]–[510] Toll Restriction Level for System Speed Dialling — Day/Night

Feature References

System Speed Dialling

Toll Restriction ($\rightarrow$ see Installation Manual)

Uniform Call Distribution (UCD)

Allows incoming calls to be distributed uniformly to a specific group of extensions called an UCD group. Calls to an UCD group search for an idle extension in a circular way.

If all extensions in an UCD group are busy or not available, the incoming outside call will be handled by the UCD Time Table.

Conditions

- UCD can be used in the following cases.
  - a) The floating number* of UCD is assigned as the Direct In Lines (DIL) 1:1 destination.
  - b) The floating number* of UCD is assigned as the Intercept Routing destination.
  - c) The floating number* of UCD is dialled from an extension.
  - d) The floating number* of UCD is assigned as the Direct Dialling In (DDI) destination.
  - e) The floating number* of UCD is assigned as the UCD Overflow destination.
- It is possible to set the log-in or log-out status on an extension basis.

Programming References

- System Programming — Installation Manual Addendum
  - [106] Station Hunting Type
  - [139] UCD Time Table
  - [813] Floating Number Assignment

Feature References

Log-In / Log-Out

* A Floating Number (FN) is a virtual extension number which appears to be an extension.
   For more details, refer to the Installation Manual.

6.3 *ISDN Telephone Features*

The KX-TD1232 users can use ISDN telephones in addition to proprietary telephones and single line telephones. The features are almost the same as ones of the single line telephone. There are, however, some features that are unavailable for ISDN telephones as shown below. As for available features, see Chapter 6.2 SLT and ISDN telephone Features.

Features unavailable for ISDN telephones

- Account Code Entry
  Dialling "99" instead of "#" as the delimiter makes this feature available.
- Alternate Calling — Ring/Voice
- Automatic Callback Busy (Camp-On)
- Call Forwarding
- Call Hold
- Call Pickup, Group
- Call Waiting
- Conference
- Do Not Disturb (DND)
- Do Not Disturb (DND) Override
- Doorphone Call
  - *To unlock the door while talking to the doorphone*
- Log-In / Log-Out
- Message Waiting
- Paging — ANSWER
  - *Answering a page sent to the built-in speaker*
- Paralleled Telephone Connection
- Pickup Dialling (Hot Line)
- Station Speed Dialling
- Timed Reminder

2 *Station Programming*

❏ **Flexible Button Assignment**

— **Alert Button**
- Enter into programming mode.
- Press the desired CO button.
- Dial 87.
- Press STORE button.
- Exit from programming mode.

— **Call Forwarding from Hunting Group Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳10 + forwarding receiving group number.
- Press STORE button.
- Exit from programming mode.

— **Call Pickup Deny Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳01.
- Press STORE button.
- Exit from programming mode.

— **Call Waiting Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳02.
- Press STORE button.
- Exit from programming mode.

— **CLIR Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳03.
- Press STORE button.
- Exit from programming mode.

— **COLR Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳04.
- Press STORE button.
- Exit from programming mode.

— **Doorphone Call Forwarding to CO Line Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳11 + doorphone number.
- Press STORE button.
- Exit from programming mode.

— **DND for DDI Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳05.
- Press STORE button.
- Exit from programming mode.

— **Executive Busy Override Deny Button**
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 8✳06.
- Press STORE button.
- Exit from programming mode.

— **Hurry Up Button**
- Enter into programming mode.
- Press the desired CO button.
- Dial 81 + extension number.
- Press STORE button.
- Exit from programming mode.

— **ISDN Service Button**
- Enter into programming mode.
- Press the desired Flexiblebutton.
- Dial 89.
- Press STORE button.
- Exit from programming mode.

— **Live Call Screening (LCS) Button**[†]
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 85.
- Press STORE button.
- Exit from programming mode.

— **Live Call Screening (LSC) Cancel Button**[†]
- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 86.
- Press STORE button.
- Exit from programming mode.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

—**Log-In/Log-Out Button**
  • Enter into programming mode.
  • Press the desired CO button.
  • Dial 80 + hunting group extension number.
  • Press STORE button.
  • Exit from programming mode.

—**Night Button**
  • Enter into programming mode.
  • Press the desired Flexible button.
  • Dial 8✳00.
  • Press the STORE button.
  • Exit from programming mode.

—**One-Touch Dialling with Auto Hold Button**
  • Enter into programming mode.
  • Press the desired Flexible button.
  • Dial 8#.
  • Dial the desired number.
  • Exit from programming mode.

—**Paging Deny Button**
  • Enter into programming mode.
  • Press the desired CO or DSS button.
  • Dial 8✳07.
  • Press the STORE button.
  • Exit from programming mode.

—**Paralleled Telephone Connection Button**
  • Enter into programming mode.
  • Press the desired CO or DSS button.
  • Dial 8✳08.
  • Press the STORE button.
  • Exit from programming mode.

—**Pickup Dialling Button**
  • Enter into programming mode.
  • Press the desired CO or DSS button.
  • Dial 8✳09.
  • Press the STORE button.
  • Exit from programming mode.

—**Phantom Button**
  • Enter into programming mode.
  • Press the desired Flexible button.
  • Dial 88.
  • Dial the phantom extension number.
  • Press the STORE button.
  • Exit from programming mode.

—**Terminate Button**
  • Enter into programming mode.
  • Press the desired Flexible button.
  • Dial 9.
  • Press STORE button.
  • Exit from programming mode.

—**Two-Way Record Button**[†]
  • Enter into programming mode.
  • Press the desired CO or DSS button.
  • Dial 83 + extension number of the Voice Mail.
  • Press STORE button.
  • Exit from programming mode.

—**Two-Way Transfer Button**[†]
  • Enter into programming mode.
  • Press the desired CO or DSS button.
  • Dial 84 + extension number of the Voice Mail.
  • Press STORE button.
  • Exit from programming mode.

❒ **Live Call Screening Mode Set**[†]
- Enter into programming mode.
- Dial ✳1.
- Dial 1 or 2.
  - 1 : Hands-free mode
  - 2 : Private mode
- Press STORE button.
- Exit from programming mode.

❒ **Phantom Extension Bell On/Off Setting**
- Enter into programming mode.
- Press the phantom button twice.
- Dial 1 or 2
  – 1 : Ring off   – 2 : Ring on
- Press the STORE button.
- Exit from programming mode.

❒ **Ringing Tone Selection for Intercom Button**
- Enter into programming mode.
- Press the Intercom button.
- Press the Intercom button again.
- Dial the tone type number (1 through 8).
- Press the STORE button.
- Exit from programming mode.

3	*User Programming (Manager Programming)*

● To enter programming mode
   (Be sure the telephone is idle and on-hook.)

   Press: |PROGRAM| |✳| |✳| |User Password|
                                   (default: 1234)

● To exit programming mode

   Press: |PROGRAM| or lift the handset

❑ **000 Date and Time Set**
1. Enter 000.
2. Press NEXT.
3. Enter the day.
4. Press →.
5. Press SELECT until the desired selection is displayed.
6. Press →.
7. Enter the year.
8. Press →.
9. Press SELECT until the desired selection is displayed.
10. Press STORE.
11. Press NEXT.
12. Enter the hour.
13. Press →.
14. Enter the minute.
15. Press →.
16. Press SELECT for AM or PM.
17. Press STORE.
18. Press END.

❑ **001 System Speed Dialling Number Set**
1. Enter 001.
2. Press NEXT.
3. Enter a speed dial number.
4. Enter a telephone number.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired speed dial number.
7. Repeat steps 4 through 6.
8. Press END.

---

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

❑ **002 System Speed Dialling Name Set**

1. Enter 002.
2. Press NEXT.
3. Enter a speed dial number.
4. Enter a name.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired speed dial number.
7. Repeat steps 4 through 6.
8. Press END.

❑ **003 Extension Number Set**

1. Enter 003.
2. Press NEXT.
3. Enter a jack number.
4. Enter an extension number.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired jack number.
7. Repeat steps 4 through 6.
8. Press END.

❑ **004 Extension Name Set**

1. Enter 004.
2. Press NEXT.
3. Enter a jack number.
4. Enter a name.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired jack number.
7. Repeat steps 4 through 6.
8. Press END.

4	**DPT Features**

❑ **Back ground Music (BGM)**

Setting / Cancelling

- Be sure the telephone is on-hook.
  • Press HOLD button.

OR

- When using the KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230;
  • Press BGM (S3) button.

❑ **Calling Line Identification Restriction (CLIR)**

To restrict the presentation of your number to the called party
  • Off-hook.
  • Dial 592.
  • On-hook.

To present your number to the called party
  • Off-hook.
  • Dial 590.
  • On-hook.

To change the current setting just for this call
  • Off-hook.
  • Dial 591.
  • Press CO button.
  • Dial the phone number.

❑ **Connected Line Identification Restriction (COLR)**

To restrict the presentation of your number to the calling party
  • Off-hook.
  • Dial 581.
  • On-hook.

To present your number to the calling party
  • Off-hook.
  • Dial 580.
  • On-hook.

❏ **Display Call Information**

Alternating the display (the meter, the phone number, the phone charge)
- Press CO button.

❏ **Do Not Disturb (DND)**

Setting / Cancelling
- Off-hook.
- Press the FWD/DND button.
- Dial 1 + extension number /0 / ✳, or 0.
  - 1 + extension number (backup station)/0 (operator)/✳ (no backup) : for setting
  - 0 : for cancelling
- *— A confirmation tone is audible.*
- On-hook.

OR

- When using the KX-T7436 / KX-T7235;

Setting
- Off-hook.
- Press the FWD/DND button.
- Press the Do not disturb (F2) button.
- Dial the extension number/0 / ✳.
  - extension number (backup station)/0 (operator)/✳ (no backup)
- *— A confirmation tone is audible.*
- On-hook.

❏ **Do Not Disturb for Direct Dialling In Calls**

Setting / Cancelling
- Off-hook.
- Dial 54.
- Dial 1 or 0.
  - 1 : for setting
  - 0 : for cancelling
- On-hook.

❏ **Emergency Call**
- Off-hook.
- Press a CO button.
- Dial the desired emergency number.

❏ **Hotel Application**

Room Management

<Example> Message 7: "Cleaned-up"
- Off-hook.
- Dial 7507.
- On-hook.

<Example> Message 8: "Minibar and charge"
- Off-hook.
- Dial 7508.
- Enter minibar charge.
- On-hook.

❏ **Live Call Screening**[†]

Setting the password
- Off-hook.
- Dial 799.
- Enter the password.
- Enter the same password again.
- On-hook.

Cancelling the password
- Off-hook.
- Dial 799.
- Enter the password.
- On-hook.

Setting Live Call Screening
- Press LCS button.
- Enter the password.

Cancelling Live Call Screening
- Press LCS button.

In the Hands-free mode;

Having a conversation with the party
- Off-hook or press LCS button.

Stopping monitoring
- Press RECALL button or LCS Cancel button.

In the Private mode;

Stopping the alert tone
- Press RECALL button or LCS Cancel button.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

Monitoring the recording message
- Off-hook, or press LCS button or INTERCOM button.

Having a conversation with the party
- Off-hook.
- Press flashing LCS button.

While having a conversation with another party;
If you want to terminate the current call

Monitoring
- Off-hook.
- On-hook.

Having a conversation with the party
- Press flashing LCS button.

If you want to hold the current call

Monitoring
- Press HOLD button.
- On-hook.
- Off-hook.

Having a conversation with the party
- Press flashing LCS button.

❒ Log-In / Log-Out

Setting

Using Log-In/Log-Out button
- Off-hook.
- Press Log-In/Log-Out button.
  - Log-In   : the indicator light is off.
  - Log-Out : the indicator light is red.
  - Calls in the UCD queue
            : the indicator is flashing red.
- On-hook.

Using the feature number
- Off-hook.
- Dial 45.
- Dial 1 or 0.
  - 1 : for Log-In
  - 0 : for Log-Out
- Dial the hunting grouop extension number.
- On-hook.

❒ Night Service

Switching mode
- Off-hook.
- Dial 78.
- Dial 0 or 1.
  - 0 : from Night mode to Day mode
  - 1 : from Day mode to Night mode
- On-hook.

OR

- When using the KX-T7436 (Operator only);
- Press Features (F4) button.
- Rotate the Jog Dial until "Night On/Off" is at the arrow.
- Dial 0 or 1.
  - 0 : from Night mode to Day mode
  - 1 : from Day mode to Night mode
- Press the SEL (S3) button.
- On-hook.

OR

- When using the KX-T7433 (Operator only);
- Press the SHIFT button until the Jog Dial operation display.
- Press the FEAT (S3) button.
- Rotate the Jog Dial until "Night Mode" is at the arrow.
- Dial 0 or 1.
  - 0 : from Night mode to Day mode
  - 1 : from Day mode to Night mode
- Press the SEL (S3) button.
- On-hook.

OR

- When using the KX-T7235 (Operator only);
- Press Features (F4) button.
- Press NEXT (S3) button twice to go to the exclusive list.
- Press Night On/Off (F2) button.
- Dial 0 or 1.
  - 0 : from Night mode to Day mode
  - 1 : from Day mode to Night mode
- On-hook.

Confirming the current mode

- Be sure the telephone is idle and on-hook.
- Press #.

Night Button Operation –Setting/Cancelling
- Off-hook.
- Press the Night button.
  - To set : the button indicator turns on.
  - To cancel : the button indicator turns off.

Confirming the current mode

- Be sure the telephone is idle and on-hook.
- Press the Night button.

❒ Notebook Function

Storing

While having a conversation or in on-hook status;
- Press AUTO DIAL/STORE button.
- Press AUTO DIAL/STORE button again.
- Dial the desired phone number.
- Press SAVE button.

Dialling
- Off-hook.
- Press SAVE button.

❒ Paging – DENY

Setting / Cancelling
- Off-hook.
- Dial 721.
- Dial 1 or 0.
  - 1 : for setting
  - 0 : for cancelling
  — *A confirmation tone is audible.*
- On-hook.

❑ Phantom Extension

To call a phantom extension
- Off-hook.
- Press the Phantom button

To transfer a call to a phantom extension
- Press the Phantom button

To answer a phantom extension call
- Press the Phantom button (flashing green).

❒ Predial Preparation

- When using the KX-T7436 / KX-T7433 / KX-T7230 / KX-T7235;
- Dial the phone number.
— *To change the current entry;*
- Dial ✳ and re-dial.
- Off-hook.

❒ Quick Dialling
- Off-hook.
- Dial the quick dial number.

❒ System Working Report (Manager and operator only)
- Off-hook.
- Dial 794.
- Dial 1 or 0.
  - 1 : print out the data
  - 0 : clear the data
  — *A confirmation tone is audible.*
- On-hook.

❒ Terminate

While hearing any tone, dialling, or talking;
- Press Terminate button.
  — *An internal dial tone is audible.*
- Press a CO button.
- Dial the phone number.

❒ Two-Way Recording into Voice Mail[†]

Recording into your mailbox
- Press Two-Way Record button.

Stopping recording
- Press Two-Way Record button.

Recording into another mailbox
- Press Two-Way Transfer button.
- Enter extension number or press the desired DSS button.

Stopping recording
- Press Two-Way Transfer button.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).

5   *Operator Service Features*

❒ **Automatic Overflow and Hurry-Up Transfer**
While having a conversation;
   • Press Hurry-Up button.

❒ **Class of Service (COS) Switch**
Primary switch
   • Off-hook.
   • Dial 791 + extension number.
   • On-hook.

OR
- When using the KX-T7436;
   • Press Features (F4) button.
   • Rotate the Jog Dial until "COS Primary" is at the arrow.
   • Press the SEL (S3) button.
   • Dial extension number.
   • On-hook.

OR
- When using the KX-T7433;
   • Press the SHIFT button repeatedly until the Jog Dial operation display appears.
   • Press the FEAT (S3) button.
   • Rotate the Jog Dial until "COS Primary" is at the arrow.
   • Press the SEL (S3) button.
   • Dial extension number.
   • On-hook.

OR
- When using the KX-T7235;
   • Press Features (F4) button.
   • Press NEXT (S3) button twice to go to the exclusive list.
   • Press COS Primary (F4) button.
   • Dial extension number.
   • On-hook.

Secondary switch
   • Off-hook.
   • Dial 793 + extension number.
   • On-hook.

OR
- When using the KX-T7436;
   • Press Features (F4) button.
   • Rotate the Jog Dial until "COS Secondary" is at the arrow.
   • Press the SEL (S3) button.
   • Dial extension number.
   • On-hook.

OR
- When using the KX-T7433;
   • Press the SHIFT button repeatedly until the Jog Dial operation display appears.
   • Press the FEAT (S3) button.
   • Rotate the Jog Dial until "COS Second" is at the arrow.
   • Press the SEL (S3) button.
   • Dial extension number.
   • On-hook.

OR
- When using the KX-T7235;
   • Press Features (F4) button.
   • Press NEXT (S3) button twice to go to the exclusive list.
   • Press COS Secondary (F5) button.
   • Dial extension number.
   • On-hook.

❒ **CO Incoming Call Information Log Lock Clear**
   • Press PROGRAM button + 99.
   • Dial 02.
   • Dial extension number or ✳.
     - extension number : to clear one extension
     -         ✳   : to clear all extensions
   • Press STORE button.
   • Press PROGRAM button.

❐   **Hotel Application**
- *When using the KX-T7436 / KX-T7235;*

Check-In
- Press Hotel (F10) button.
- Press Check-In (F1) button.
- Dial extension number or DSS button.
- Press NEXT (S3) button.
- Press YES (S1) or NO (S3) button.

Check-Out
- Press Hotel (F10) button.
- Press Check-Out (F2) button.
- Dial extension number or DSS button.
- Press NEXT (S3) button.
- Enter minibar charge.
- Press Others (F4) and enter charge.
- Press PRINT (S3) button.
- Press END (S1) button.
- Press YES (S1) or NO (S3) button.

Timed Reminder, Notification for Unanswered Extension (KX-T7436 / KX-T7235 only)
- Press Alert button.

If you want to clear the notification;
- Press CLR (S2) button.

If you want to go to the next unanswered extension;
- Press NEXT (S3) button.

If you want to exit;
- Press MENU (S1) button.

Timed Reminder, Remote (Wake-Up Call) Setting
- Off-hook.
- Dial 7✶1.
- Dial desired extension number or DSS button.
- Enter hour (01 through 12).
- Enter minute (00 through 59).
- Dial 0 or 1.
  - 0 : for AM
  - 1 : for PM

- Dial 0 or 1.
  - 0 : for a one time setting
  - 1 : for a daily setting
— *A confirmation tone is audible.*
- On-hook.

Cancelling
- Off-hook.
- Dial 7✶0.
- Dial desired extension number or DSS button.
— *A confirmation tone is audible.*
- On-hook.

OR

- *When using the KX-T7436 / KX-T7235;*

Setting
- Press Hotel (F10) button.
- Press Wake up (F3) button.
- Dial the desired extension number or DSS button.
- Press NEXT (S3) button.
- Enter hour and minute.
- Dial 0 or 1.
  - 0 : for AM
  - 1 : for PM
- Dial 0 or 1.
  - 0 : for a one time setting
  - 1 : for a daily setting
- Press PROG (S3) button.

Cancelling
- Press Hotel (F10) button.
- Press Wake up (F3) button.
- Dial the extension number or DSS button.
- Press NEXT (S3) button.
- Press CLR (S2) button.

Checking the setting time (KX-T7436 / KX-T7433 / KX-T7230 and KX-T7235 only)
- Off-hook.
- Dial 7✶2.
- Dial desired extension number or DSS button.
- On-hook.

OR

- *When using the KX-T7436 / KX-T7235;*
  - Press Hotel (F10) button.
  - Press Wake up (F3) button.
  - Dial the extension number or DSS button.
  - Press NEXT (S3) button.
  - Press END (S1) button.

❏ **Live Call Screening Password Control**†
  - Press PROGRAM button + 99.
  - Dial 03.
  - Dial extension number or ✳.
    - extension number : to assign one extension
    - ✳ : to assign all extensions
  - Press STORE.
  - Press PROGRAM button.

❏ **Remote Station Lock Control**
  - Press PROGRAM button + 99.
  - Dial 01.
  - Dial extension number or ✳.
    - extension number : to lock or unlock one extension
    - ✳ : to lock or unlock all extensions
  - Dial 1 or 2.
    - 1 : to unlock
    - 2 : to lock
  - Press STORE button.
  - Press PROGRAM button.

6 *Special Display Features*

Special Features — KX-T7436 / KX-T7433 / KX-T7235

— CO Outgoing Call Log / Extension Dialling / Station Speed Dialling / System Speed Dialling / System Feature Access Menu / Hotel Application (Operator only)
  ● Press the desired button according to the messages on the display.
  ● The operation is performed by following the messages on the display.

- *System Feature Access Menu* provides a display of the system features available and allows access to the following features:
  1) Absent Message Capability
  2) Paging — External (Access/Answer)
  3) Paging — Group (Access/Answer)
  4) Background Music (BGM) — External (Operator only)
  5) Call Park (Operator only)
  6) Call Pickup, Group
  7) Class of Service (COS) Switch (Operator only)
  8) Message Waiting
  9) Night Service (Operator only)
  10) Paralleled Telephone Connection

  By pressing the FWD/DND button after going off-hook, a new display appears. From this display, the following additional System Feature can be operated.
  1) Call Forwarding
  2) Do Not Disturb (DND)

— Refer to Section 4.4, "Special Display Features."
— For "BGM — External" and "Class of Service (COS) Switch" features, refer to Section 4.3, "Operator Service Features."
— For "Call Forwarding" and "Do Not Disturb (DND)" features, refer to Section 4.2, "DPT Features."

†: *Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVP100).*

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❒ **Calling Line Identification Restriction (CLIR)**

To restrict the presentation of your number to the called party
- Off-hook.
- Dial 592.
- On-hook.

To present your number to the called party
- Off-hook.
- Dial 590.
- On-hook.

❒ **Call Transfer – to CO Line**
— **Screened Call Transfer**

While having a conversation;
- Press Register Recall button.
- Dial the line access code (9 or 81 through 88).
- Wait for an answer and announce.
- On-hook.

❒ **Connected Line Identification Restriction (COLR)**

To restrict the presentation of your number to the calling party
- Off-hook.
- Dial 581.
- On-hook.

To present your number to the calling party
- Off-hook.
- Dial 580.
- On-hook.

❒ **Do Not Disturb (DND)**
Setting / Cancelling
- Off-hook.
- Dial 710.
- Dial 1 + extension number/0 / ✳, or 0.
  - 1 + extension number (backup station)/0 (operator)/ ✳ (no backup) : for setting
  - 0 : for cancelling
  — *A confirmation tone is audible.*
- On-hook.

❒ **Do Not Disturb for Direct Dialling In Calls**
Setting / Cancelling
- Off-hook.
- Dial 54.
- Dial 1 or 0.
  - 1 : for setting
  - 0 : for cancelling
- On-hook.

❒ **Emergency Call**
- Off-hook.
- Dial the line access code (9 or 81 through 88).
- Dial the desired emergency number.

❒ **Hotel Application**
Room Management

<Example> Message 7: "Cleaned-up"
- Off-hook.
- Dial 7507.
- On-hook.

<Example> Message 8: "Minibar and charge"
- Off-hook.
- Dial 7508.
- Enter minibar charge.
- On-hook.

7 *Quick Reference*

❐ **Log-In / Log-Out**

Setting
- •Off-hook.
- •Dial 45.
- •Dial 1 or 0.
  - - 1 : for Log-In
  - - 0 : for Log-Out
- •Dial the hunting grouop extension number.
- •On-hook.

❐ **Night Service**

Switching mode
- •Off-hook.
- •Dial 78.
- •Dial 0 or 1.
  - - 0 : from Night mode to Day mode
  - - 1 : from Day mode to Night mode
- •On-hook.

❐ **Operator Call**

General
- •Off-hook.
- •Dial 0.

Specific call
- •Off-hook.
- •Dial the operator call number.

❐ **Quick Dialling**
- •Off-hook.
- •Dial the quick dial number.

Display Examples

Examples (in alphabetical order)

| 3434: Primary | • "Class of Service (COS) Switch" is set to primary status. |

| 4545: Secondary | • "Class of Service (COS) Switch" is set to secondary status. |

| 1234567890 | • Called by the ISDN line with the CLIP feature* (phone number). |

  * The ISDN line with the CLIP feature
    Provides you with a caller's information, such as his/her name and
    telephone number, on the CO line assigned to receive ISDN service call.
    Refer to the Installation Manual.

| JOHN WHITE | • Called by the ISDN line with the CLIP feature* (name). |

| 01:01111111 | • Sequence number and the caller's phone number (KX-T7433 / KX-T7230). |

| 01:BOB HANKS | • Sequence number and the caller's name (KX-T7433 / KX-T7230). |

| 01:30 09:00AM 2 | • Sequence number, date, time and the number of times called (KX-T7433 / KX-T7230). |

| CLIR On | • Complete to set "Calling Line Identification Restriction (CLIR)." |

| CLIR Off | • Cancel "Calling Line Identification Restriction (CLIR)." |

| CO01:$00001.15 | • CO line charge in Dollars. |

| CO01:00005 | • CO line meter. — Pressing the corresponding CO button allows you to alternate between this display and the about Example. |

| COLR On | • Complete to set "Connected Line Identification Restriction (COLR)." |

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`    COLR Off    `	• Cancel "Connected Line Identification Restriction (COLR)."
`  DND    Ext201  `	• Complete to set "Do Not Disturb (DND)."
` DND-DDI Set     `	• Complete to set "Do Not Disturb for Direct Dialling In Call."
` DND-DDI Cancel  `	• Cancel "Do Not Disturb for Direct Dialling In Call."
` LCS             `	• Complete to set "Live Call Screening (LCS)."
` LCS Cancel      `	• Cancel "Live Call Screening (LCS)."
`    Log-in       `	• Log-In mode status. — "Log-In / Log-Out"
`    Log-out      `	• Log-Out mode status. — "Log-In / Log-Out"
`Paging Deny On   `	• Complete to set "Paging — Deny."
`Paging Deny Off  `	• Cancel "Paging — Deny."
`Password: 123    `	• Complete to set the LCS password. — "Live Call Screening (LCS)"
`Password Cancel  `	• Cancel the LCS password. — "Live Call Screening (LCS)"
` SWR Data Dump   `	• "System Working Report" is printed out.
` SWR Data Clear  `	• "System Working Report" is cleared.

8 *Appendix*

Examples — in Station Programming mode

| ACSM:00450 | • Total account code meter is assigned. |

| ACSM:$00099.99 | • Total account code in Dollars is assigned. |

| Alert | • Alert button is assigned. |

| C.W. Tone 1 | • Select Call Waiting tone. |

| Hurry up to-223 | • Hurry-Up button is assigned. |

| LCS | • Live Call Screening (LCS) button is assigned. |

| LCS Cancel | • Live Call Screening (LCS) Cancel button is assigned. |

| Log-in GRP1234 | • Log-In / Log-Out button is assigned. |

| Terminate | • Terminate button is assigned. |

| 2 WAY-REC:1234 | • Two-Way Record button is assigned. |

| 2 WAY-TRANS:1234 | • Two-Way Transfer button is assigned. |

8 *Appendix*

Feature Number List

Numbers listed below are the initial factory setting (default value). There are the flexible feature numbers and the fixed feature numbers. To change the flexible feature numbers, follow the procedure described in the "System Programming" section in the Installation Manual.

Flexible Feature Numbers

Feature	Default	Required Additional Digits
1st hundred extension block	2	0 through 9, 00 through 99
2nd hundred extension block	3	0 through 9, 00 through 99
3rd through 16th hundred extension block	—	0 through 9, 00 through 99
Absent Message Capability set/cancel	750	1 - 9 / 0
Account Code Entry	49	Account code + #(99)
Automatic Callback Busy (Camp-On) cancel	46	
Background Music (BGM) — External on/off	65	
Call Forwarding set/cancel	710	2-5 + EXTN. (extension number) / 0
Call Forwarding to CO Line	710	6 + phone number + #
Call Forwarding — Follow Me set/cancel	710	7 + EXTN. / 8 + EXTN.
Call Forwarding — from Hunting Group set	714	1 + forwarding EXTN. + EXTN.
/cancel	714	0 + forwarding EXTN.
Call Hold	50	
Call Hold, Retrieve outside call/intercom call	53 / 51	
Call Park/Call Park Retrieve	52	0 - 9
Call Pickup, CO Line	4✶	
Call Pickup, Directed	41	EXTN.
Call Pickup, Group	40	
Call Pickup Deny set/cancel	720	1 / 0
Call Waiting set/cancel	731	1 / 0
Class of Service (COS) Switch — Primary	791	EXTN.
Class of Service (COS) Switch — Secondary	793	EXTN.
CLIR once/continue/cancel	59	1 / 2 / 0
CLIP / COLP		
— for a CO line	711	1
— for an extension	711	2
— to select a desired CLIP number for once	711	3 + CLIP number + #
CO Incoming Call Information Log Lock lock	57	lock code (000 - 999) twice
unlock	57	lock code (000 - 999)
CO Incoming Call Information Log Lock Mode set/cancel	56	1 / 0
COLR set/cancel	58	1 / 0

8 *Appendix*

Feature	Default	Required Additional Digits
Do Not Disturb (DND) set/cancel	710	1 + (EXTN./✳/0) / 0
Do Not Disturb for Direct Dialling In set/cancel	54	1 / 0
Doorphone Call calling/door open (for KX-TD816)	61 / 55	1-2
Doorphone Call calling/door open (for KX-TD1232)	61 / 55	1-4
Doorphone Call Forwarding to CO Line — to set	716	doorphone number / ✳ + 0
/ cancel	716	doorphone number / ✳ + 1
— to store / clear the phone number	715	0 / 1 + doorphone number / ✳ + phone number +#
Electronic Station Lockout set/	77	lock code (000 - 999) twice
cancel	77	lock code (000 - 999)
Emergency Call	114, 000	
External Feature Access	64	
Live Call Screening Password set/	799	password (000 - 999) twice
cancel	799	password (000 - 999)
Log-In/Log-Out	45	1 / 0 + hunting group EXTN. number
Message Waiting set/cancel/callback	70	1 + EXTN. / 0 + EXTN. / 2
Night Service night mode/day mode	78	1 / 0
Operator Call — General call	0	
Operator Call — Specific call	—	
Outgoing Message (OGM) — recording / playback	712	1 / 2 + OGM number
Outward Dialling,		
— Line Access, Automatic / LCR	9	
— Line Access, CO Line Group	8	1 - 8
Paging — All	62 or 63	✳
Paging — External (for KX-TD816)	62	0 / 1 - 2
Paging — External (for KX-TD1232)	62	0 / 1 - 4
Paging — External Answer/TAFAS Answer (for KX-TD816)	42	1 - 2
Paging — External Answer/TAFAS Answer (for KX-TD1232)	42	1 - 4
Paging — Group	63	00 / 01 - 16
Paging — Group Answer	43	
Paging — Deny set/cancel	721	1 / 0
Paralleled Telephone Connection set/cancel	69	1 / 0
Pickup Dialling (Hot Line) assign/set/cancel	74	2 + phone number + # / 1 / 0
Redial, Last Number (— for SLT)	#	
Station Feature Clear	790	
Station Speed Dialling	6✳	0 - 9
Station Speed Dialling store	60	(0 - 9) + phone number + #

Feature	Default	Required Additional Digits
System Speed Dialling (— for SLT)	✳	000 - 499
System Working Report print out the data/	794	1 / 0
clear the data		
Timed Reminder set/	76	1 + hhmm* + (0 / 1) + (0 / 1)
cancel/confirm	76	0 / 2
Timed Reminder, Remote set/	7✳	1 + EXTN. + hhmm* + (0 / 1) + (0 / 1)
cancel/confirm	7✳	0 + EXTN. / 2 + EXTN.

* hhmm
    hh: hour (01-12)
    mm: minute (00-59)

8   *Appendix*

Fixed Feature Numbers

Feature	Default
While busy tone is heard	
Automatic Callback Busy (Camp-On)	6
Busy Station Signalling (BSS)	2
Off-Hook Call Announcement (OHCA)	2
While Do Not Disturb tone is heard	
Do Not Disturb (DND) Override	2
While calling or talking	
Account Code Delimiter	#/99
Alternate Calling — Ring/Voice	✱
Conference	3
Door open	5
Pulse to Tone Conversion	✱#
When the telephone is on-hook	
Background Music (BGM) on/off	HOLD (TRANSFER)
Day/Night mode display	#
Time display/date display switching	✱

Conditions

- Extension numbers can be two to four digits in length. Any number can be set as the leading first or second digit.
- Flexible feature numbers can only be dialled during dial tone.
- When "✱" or "#" are included in a feature number, it will not be possible for users of loop disconnect (LD) telephones to access the feature.

Programming References

- User Programming (Manager Programming) (Section 3)
    - [003] Extension Number Set
- System Programming — Installation Manual
    - [003] Extension Number Set
    - [100] Flexible Numbering

Additional Information

Feature Title	Section & Pages	Revision

Initial Setting
 	
Display Examples
	1.1 Configuration
	1-15
	through
	1-17
	8 Appendix
	7-5
	through
	7-8
		The changed display examples are shown below.
		Display Contrast Adjustment
		(KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)
		
		`Contrast: 3`
		
		To adjust the handset receiver volume
		`Handset: 3`
		
		To adjust the headset volume
		`Headset: 3`
		
		To adjust the ringer volume
		`Ringer: 3`
		
		To adjust the speaker volume
		`SP: 12`

To confirm the assigned function data	**2.1 Programming Instructions** 2-3	This section has been changed as shown on page 24 .
Station Programming Outline	**2.1 Programming Instructions** 2-5	The outline has been changed as shown on page 25 .
Charge Fee Reference *New Rate Set*	**2.2 Programming** 2-12	This feature has become unavailable. Please disregard all descriptions about this feature.
Station Speed Dialling Number/Name Assignment	**2.2 Programming** 2-34	This feature has been changed as shown on page 46 .

Additional Information

Feature Title	Section & Pages	Revision

Account Code Entry	**4.2**
	DPT Features
	3-10
	through
	3-11
		The "In "Verified - All Calls" mode" section has been changed as follows.
		In "Verified - All Calls" mode
		• You must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory:
		     a) Call Forwarding — to CO Line
		     b) Manual Dialling (Selecting a CO line)
		     c) Notebook Function
		     d) One-Touch Dialling
		     e) Pickup Dialling (Hot Line)
		     f) Redial, Last Number
		     g) Redial, Saved Number
		     h) Station Speed Dialling
		     i) System Speed Dialling
		In the "General" section, the following conditions have been added.
		• If an entered account code matches a pre-assigned account code when making an outside call, the charge fee of the account code is totalized.
		• If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR.
		The following program has been added to the Programming References section.
		• System Programming — Installation Manual
		    [105] Account Codes

Automatic Callback Busy (Camp-On)	**4.2** **DPT Features** 3-15	Please disregard the following condition. • If the telephone is off-hook before call back ringing starts, this feature is cancelled.
Call Waiting	**4.2** **DPT Features** 3-46	The following sentence has been added to the first condition. 3) When a doorphone call comes in.
CO Incoming Call Information Display	**4.2** **DPT Features** 3-48	This feature has been chaged as shown on page 76 .
CO Incoming Call Information Log	**4.2** **DPT Features** 3-50	The following program has been added to the Programming References section. • System Programming — Installation Manual Addendum [622] Incoming Call Display

Additional Information

Feature Title	Section & Pages	Revision
Data Line Security	**4.2 DPT Features** 3-57 **6.2 SLT and ISDN Telephone Features** 5-34	This feature has become unavailable. Please disregard all descriptions about this feature.
Do Not Disturb (DND)	**4.2 DPT Features** 3-59	This feature has been changed as shown on page 82.
Doorphone Call	**4.2 DPT Features** 3-63	This feature has been changed as shown on page 87.
Handsfree Answerback	**4.2 DPT Features** 3-69	The following conditions has been added. • When an outside call is transferred to an extension, this feature is overridden and a ringing tone is heard.
Intercom Calling	**4.2 DPT Features** 3-72	The following programs have been added to the Programming References section. • User Programming (Manager Programming) (Section 3) 　　[003]　Extension Number Set 　　[004]　Extension Name Set
Message Waiting	**4.2 DPT Features** 3-75	The following programs have been added to the Programming References section. • System Programming — Installation Manual 　　[214]　Message Waiting Ring Interval Time 　　[990]　System Additional Information, Field (9)
Night Service	**4.2 DPT Features** 3-76	This feature has been chaged as shown on page 106.
Off-Hook Call Announcement (OHCA)	**4.2 DPT Features** 3-77	This feature has been chaged as shown on page 109.
Operation Call	**4.2 DPT Features** 3-79	This feature has been chaged as shown on page 111.
Paging — SUMMARY	**4.2 DPT Features** 3-84	The following condition has been added to the Conditions section. • If you want to deny the page, refer to "Paging —DENY." The following feature has been added to the Feature References section. 　　Paging — DENY

Additional Information

Feature Title	Section & Pages	Revision
Redial, Automatic	**4.2** **DPT Features** 3-98	The description has been changed as follows. It is possible to redial the last dialled number, saved number, "CO Outgoing Call Log," "CO Incoming Call Information Log," and "Notebook Function" in the handsfree mode. Redial will be repeated a programmed number of times until the called party answers. The following features have been added to the Feature References section. CO Incoming Call Information Log CO Outgoing Call Log (4.4/Special Display Features) Notebook Function
Secret Dialling	**4.2** **DPT Features** 3-101	The following program has been added to the Programming References section. • System Programming — Installation Manual Addendum [990] System Additional Information, Field (53)
Station Feature Clear	**4.2** **DPT Features** 3-102	This feature has been changed as shown on page 116.

System Speed Dialling	**4.2** **DPT Features** 3-105	The first condition has been changed as follows:
		• System Speed Dialling numbers must be stored either through User (Manager) or System Programming.
		The following programs have been added to the Programming References section.
		• User Programming (Manager Programming) (Section 3)
		  [001] System Speed Dialling Number Set
		  [002] System Speed Dialling Name Set

Timed Reminder	**4.2** **DPT Features** 3-107	The operation has been changed as follows.
		Stopping the alarm ringing
		
		1 — 1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
		  • Pressing any key also stops the alarm ringing.
		
		The following program has been added to the Programming References section.
		• User Programming (Manager Programming) (Section 3)
		  [000] Date and Time Set
		The following section has been added.
		Feature References
		  Hotel Application — Timed Reminder, Remote
		                (4.3/Operator Service Features)

Additional Information

Feature Title	Section & Pages	Revision
Toll Restriction Override *Toll Restriction Override by Account Code Entry*	**4.2** **DPT Features** 3-108	The following program has been added to the Programming References section. • System Programming — Installation Manual [105] Account Codes
Toll Restriction Override *Toll Restriction Override by System Speed Dialing*	**4.2** **DPT Features** 3-109	This feature has been chaged as shown on page 119.
Trunk (CO Line) Answer From Any Station (TAFAS)	**4.2** **DPT Features** 3-110	The following sentence has been added to the first condition. c) The floating number* of an external pager is dialled as the Direct Dialling In (DDI) destination.
4.3 Operator Service Features	**4.3 Operator Service Features** 3-114	This despcription has been changed as shown on page 122.
CO Incoming Call Information Log Lock Clear	**4.3 Operator Service Features** 3-116	This feature has been changed as shown on page 127.
Remote Station Lock Control	**4.3 Operator Service Features** 3-120	This feature has been changed as shown on page 128.
Hotel Application	**4.3 Operator Service Features** 3-121	This feature has been changed as shown on page 129.
4.4 Special Display Featues (— for KX-T7235)	**4.4 Special Display Features (— for KX-T7235)** 3-126	This section has been changed as shown on page 140.
One-Touch Access Assignment for System Features	**5.2 DSS Console Features** 4-5	This feature has been changed as shown on page 157.
Account Code Entry	**6 SLT and ISDN Telephone Features** 5-8	This feature has been changed as shown on page 160.
Automatic Callback Busy (Camp-On)	**6 SLT and ISDN Telephone Features** 5-11	This feature has been changed as shown on page 162.
Call Waiting	**6 SLT and ISDN Telephone Features** 5-31	The following sentence is added to the first condition. 3) When a doorphone call comes in.

Additional Information

Feature Title	Section & Pages	Revision
Do Not Disturb (DND)	**6 SLT and ISDN Telephone Features** 5-35	This feature has been changed as shown on page 174.
Doorphone Call	**6 SLT and ISDN Telephone Features** 5-37	This feature has been changed as shown on page 178.
Intercom Calling	**6 SLT and ISDN Telephone Features** 5-42	The following programs have been added to the Programming References section. • User Programming (Manager Programming) (Section 3) [003] Extension Number Set [004] Extension Name Set
Message Waiting	**6 SLT and ISDN Telephone Features** 5-42	This feature has been changed as shown on page 187.
Night Service	**6 SLT and ISDN Telephone Features** 5-45	This feature has been changed as shown on page 190.
Off-Hook Call Announcement (OHCA)	**6 SLT and ISDN Telephone Features** 5-45	The first condition has been changed as follows: • OHCA is performed the same way as the "Busy Station Signaling (BSS)" feature. The KX-T7436 / KX-T7235 user can select to use the BSS feature instead of the OHCA feature by System Programming. The following section has been added. ***Programming References*** • System Programming — Installation Manual [990] System Additional Information, Field (47)
Operator Call	**6 SLT and ISDN Telephone Features** 5-46	This feature has been changed as shown on page 192.
Station Feature Clear	**6 SLT and ISDN Telephone Features** 5-63	This feature has been changed as shown on page 194.
System Speed Dialling	**6 SLT and ISDN Telephone Features** 5-65	The first condition has been changed as follows: • System Speed Dialling numbers must be stored either through User (Manager) or System Programming. The following programs have been added to the Programming References section. • User Programming (Manager Programming) (Section 3) [001] System Speed Dialling Number Set [002] System Speed Dialling Name Set

Additional Information

Feature Title	Section & Pages	Revision
Timed Reminder	**6 SLT and ISDN Telephone Features** 5-67	The following program has been added to the Programming References section. • User Programming (Manager Programming) (Section 3) 　　[000] Day and Time Set The following section has been added. ***Feature References*** 　　Hotel Application — Timed Reminder, Remote 　　　　　　　　　　　(4.3/Operator Service Features)
Toll Restriction Override *Toll Restriction Override* *by Account Code Entry*	**6 SLT and ISDN Telephone Features** 5-68	The following program has been added to the Programming References section. • System Programming — Installation Manual 　　[105] Account Codes
Toll Restriction Override *Toll Restriction Override* *for System Speed Dialing*	**6 SLT and ISDN Telephone Features** 5-68	This feature has been chaged as shown on page 195.
Trunk (CO Line) Answer *From Any Station* *(TAFAS)*	**6 SLT and ISDN Telephone Features** 5-70	The following sentence has been added to the first condition. c) The floating number* of an external pager is dialled as the 　　Direct Dialling In (DDI) destination.
Quick Reference	**7** **Quick Reference** 6-2	The description has been changed as follows. This list is divided into the following eight sections. Refer to each section as needed. 　　　　　1.) Basic Operation 　　　　　2.) Station Programming 　　　　　3.) User Programming (Manager Programming) 　　　　　4.) DPT Features 　　　　　5.) Operator Service Features 　　　　　6.) Special Display Features 　　　　　　　(— KX-T7436 / KX-T7433 / KX-T7235) 　　　　　7.) DSS Console Features 　　　　　8.) SLT and ISDN Telephone Features When setting "Idle Line Preference — Outgoing," "No Line Preference — Outgoing," or "Prime (CO Line) Preference," press the INTERCOM button after going off-hook to activate the following operations. (Pressing the INTERCOM button directly without going off-hook is also available.)

Additional Information

Feature Title	Section & Pages	Revision
Automatic Callback Busy (Camp-On)	**7** **Quick Reference** 6-8	The following operation has been added. **Cancelling** • Off-hook. • Dial 46. • On-hook.
Background Music (BGM)	**7** **Quick Reference** 6-8	The operation has been changed as shown on page 201.
Do Not Disturb (DND)	**7** **Quick Reference** 6-8	The operation has been changed as shown on page 202.
Night Service	**7** **Quick Reference** 6-13	The operation has been changed as shown on page 203.
6 Special Display Features	**7** **Quick Reference** 6-19	The description has been changed as shown on page 207.
Display Example	**8** **Appendix** 7-5	Please disregard the following display examples. (46) `Data Mode Off` (47) `Data Mode On`
Feature Number List	**8** **Appeneix** 7-12	The list has been changed as shown on page 213.